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The



CHEMIST AND DRUGGIST

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

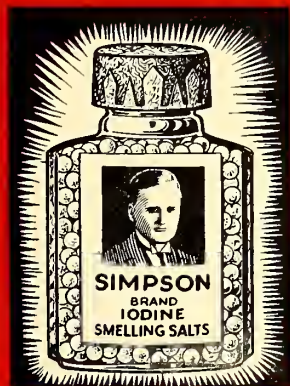
No. 2960
VOL. CXXV

OCTOBER 31, 1936

Annual Subscription (with
Diary) 20/- Single Copies 9d.



MR. J. W. SIMPSON, M.P.S.



1/3 (less 33 1/3%)

**Why wait until
you have lost
a dozen sales
before plucking
up courage to
order even a few**

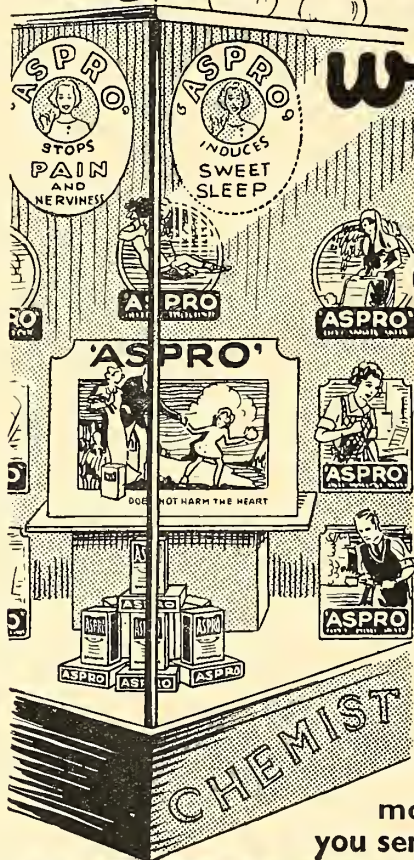
SIMPSON

Brand

IODINE

Smelling Salts

Tell them in your window that **YOU** stock 'ASPRO'



When you put 'ASPRO' advertising matter in your window you attract customers to your shop. Your general sales benefit. Remember, large space 'ASPRO' Advertisements are carried several times monthly by over three hundred papers, with a total circulation of over 32,000,000. You get your share in the sales activity created by this advertising when you show 'ASPRO' advertising material — just as if you spent a proportionate amount of money on the advertising yourself. We suggest you send for an 'ASPRO' display to-day. Remember,

'ASPRO' ADVERTISING produces the customers 'ASPRO' DISPLAYS bring them in

use these
'ASPRO' aids to SALES

CHEMISTS ENVELOPES AND BAGS

Kristal Envelopes
2/6 per 1,000.
Grease proof
2 oz. bags
1/- per 1,000.
Cash with order



WINDOW STICKERS



GIANT CARTON



'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Made in England by
ASPRO LIMITED
SLOUGH, BUCKS.
Telephone: Slough 608

No proprietary right is claimed in the method of manufacture or the formula.



AVAIL YOURSELF OF THE 'ASPRO' BONUS

BONUS ON 5's & 10's

One gross order ... Bonus 1 dozen packets
Half gross order ... Bonus ½ dozen packets
Half gross of either size is the minimum order accepted for bonus purposes

BONUS ON 27's

One Gross order ... Bonus 2 dozen packets
Half Gross order ... Bonus 1 dozen packets
Quarter Gross order Bonus ½ dozen packets
Quarter gross is the minimum quantity

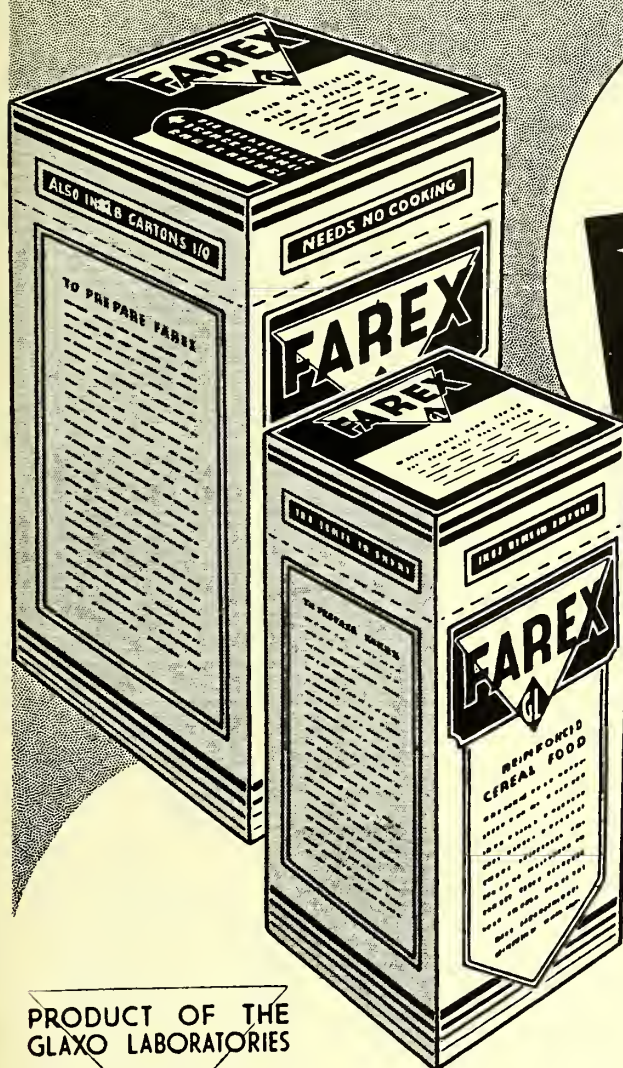
NO BONUS ON 60's

BONUS CONDITIONS—

The only conditions made are that the Chemist who buys on these terms undertakes to show 'ASPRO' advertising matter in his shop window for 14 days and sell at advertised prices. Acceptance of Bonus is considered acceptance of conditions regarding display and selling prices.

TO INTRODUCE NEW PACKS — NEW PRICES

FAREX BONUS PARCEL



PRODUCT OF THE
GLAXO LABORATORIES



The sustaining ready-to-serve Cereal Food

A new "introductory" size of Farex Cereal Food at 1/- meets customers who hesitate to buy a full-size carton. The large 2/- carton is reduced to 1/9 so that satisfied "first customers" will be even more encouraged to continue!

Note the new square cartons—easier to store—specially protected by new wrapping. And note the special EXTRA-PROFIT BONUS PARCEL, available for one month to introduce the new packs; it shows 11/- profit on an outlay of only 22/-.

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX

- ★ 2/- SIZE NOW 1/9
- ★ NEW SIZE AT 1/-
- ★ NEW IMPROVED
POURER CARTONS
- ★ 33 $\frac{1}{3}$ % ON SALES FOR
ONE MONTH ONLY

FAREX BONUS PARCEL

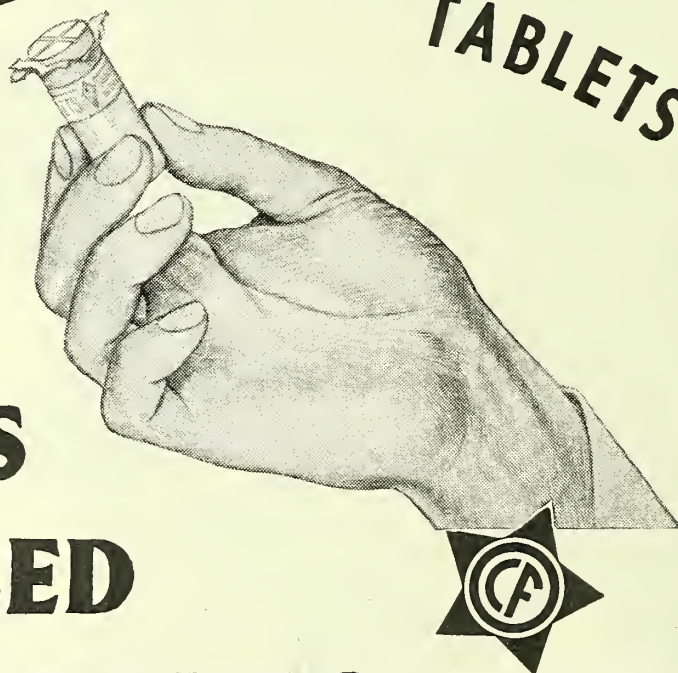
AVAILABLE ONLY UNTIL NOVEMBER 30TH

10 only 1-lb. cartons @ 1/9 less 20%	- -	14 0
2 only 1-lb. cartons FREE	- - - -	- -
10 only ½-lb. cartons @ 1/- less 20%	- -	8 0
2 only ½-lb. cartons FREE	- - - -	- -
6 x 4 oz. samples FREE	- - - - -	- -
The above costs you	- - - - -	12 0
" " sells for	- - - - -	13 0
YOUR PROFIT	- - - - -	11 0

PRODUCT OF THE
GLAXO LABORATORIES

OSTOCALCIUM TABLETS

PRICES REDUCED



A CHEMIST'S
FRIENDS LINE

The new reduced prices of Ostocalcium Tablets in force as from November 2nd will still further stimulate both public and medical preference for the original tablet of calcium with vitamin D. The Bonus Parcels afford an excellent profit margin ($43\frac{3}{4}\%$ on sales). They make it well worth your while to get behind Ostocalcium, the preparation preferred by the medical profession. Each tablet contains $7\frac{1}{2}$ grains of calcium sodium lactate and 500 international units of vitamin D.

NEW REDUCED PRICES

Tins of 50 (formerly 2/9) - - - Now 2/3
Tins of 100 (formerly 4/6) - - - Now 4/-
Tins of 500 (formerly 13/9) - - - Now 12/6
Tins of 1,000 (formerly 22/-) - - - Now 17/6

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX.

BONUS PARCELS

AVAILABLE ONLY FROM NOV. 2nd TO NOV. 30th, 1936

OUTLAY 30/5 PROFIT 23/7	BONUS PARCEL No. 1	£ s. d.
	1 $\frac{1}{2}$ doz. boxes of 50 at 2/3 each less 25% $\frac{1}{2}$ doz. boxes of 50 FREE The above sell for PROFIT = $43\frac{3}{4}\%$ Profit on Turnover	1 10 5 — 2 14 0 1 3 7
OUTLAY 27/- PROFIT 21/-	BONUS PARCEL No. 2	£ s. d.
	$\frac{3}{4}$ doz. boxes of 100 at 4/- each less 25% $\frac{1}{4}$ doz. boxes of 100 FREE The above sell for PROFIT = $43\frac{3}{4}\%$ Profit on Turnover	1 7 0 — 2 8 0 1 1 0
OUTLAY 42/3 PROFIT 32/9	BONUS PARCEL No. 3	£ s. d.
	$\frac{3}{4}$ doz. boxes of 50 at 2/3 each less 25% $\frac{1}{4}$ doz. boxes of 50 FREE $\frac{3}{4}$ doz. boxes of 100 at 4/- each less 25% $\frac{1}{4}$ doz. boxes of 100 FREE The above sell for PROFIT = $43\frac{3}{4}\%$ Profit on Turnover Not available in I.F.S. & Restricted to Qualified Chemists	15 3 — 1 7 0 — 3 15 0 1 12 9

CROOKES' *Display Material*

ISSUED IN SUPPORT OF THE NATIONAL PRESS CAMPAIGN



A selection of the attractive showcards now available to retailers. They cover the range of Crookes Halibut Liver Oil products and their prominent display will link up with the extensive national press advertising already issued. Crookes Halibut Liver Oil products are all P.A.T.A. and C.F. Lines and are subject to generous bonus terms. Write for particulars now.

CROOKES'
PURE HALIBUT LIVER
COLLOSOL **OIL** BRAND (Reg'd)



Write now — For these sales aids — to
THE CROOKES LABORATORIES (British Colloids Ltd.) Park Royal, London. N.W.10

Why you should stock and display
Houbigant
Perfumery:

1° Profit

*is the most generous in the
High Class Toilet Trade...*

2° Quality

*made exclusively in Paris, No
substitutes. All perfumes pre-
pared with highest grade spirit.*

3° Prestige

*An Aristocrat in the Trade,
HOUBIGANT gives tone to
any establishment...*

4° Safety

*To recommend HOUBIGANT
PREPARATIONS is so safe;
their popularity has lasted for
more than 160 years...*



HOUBIGANT Preparations are obtainable
from your usual Wholesaler or direct from
PARFUMERIE HOUBIGANT
19, RUE DU FAUBOURG ST-HONORÉ, PARIS

THE PERFUMERY MARKETING CO.
Princes House
190, PICCADILLY, LONDON
will be pleased to reply to any enquiry.

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(Continued overleaf.)

QUALITY



PRODUCT

USED AND RECOMMENDED BY
THE MEDICAL PROFESSION.

This is a product worthy of your consideration—a really modern antiseptic and pain killer. It is a most powerful germicide for every purpose. It is neatly packed—makes an excellent window show and is used and recommended by the medical profession.

NALGO ^{THE} ANTISEPTIC

You can recommend this product with every confidence. Your recommendation will ensure repeat and regular orders for this line. It retails at 10½d. and 1½d. per bottle and shows an excellent margin of profit. We will gladly send you free on request a full-size sample bottle with explanatory literature.

HOUGH, HOSEASON & Co. LTD.
MANUFACTURING CHEMISTS
MANCHESTER 3.



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Of particular interest
to chemists

Special characters for chemists can be incorporated if required on the keyboard of the Imperial 'Good Companion' portable typewriter.

Imperial

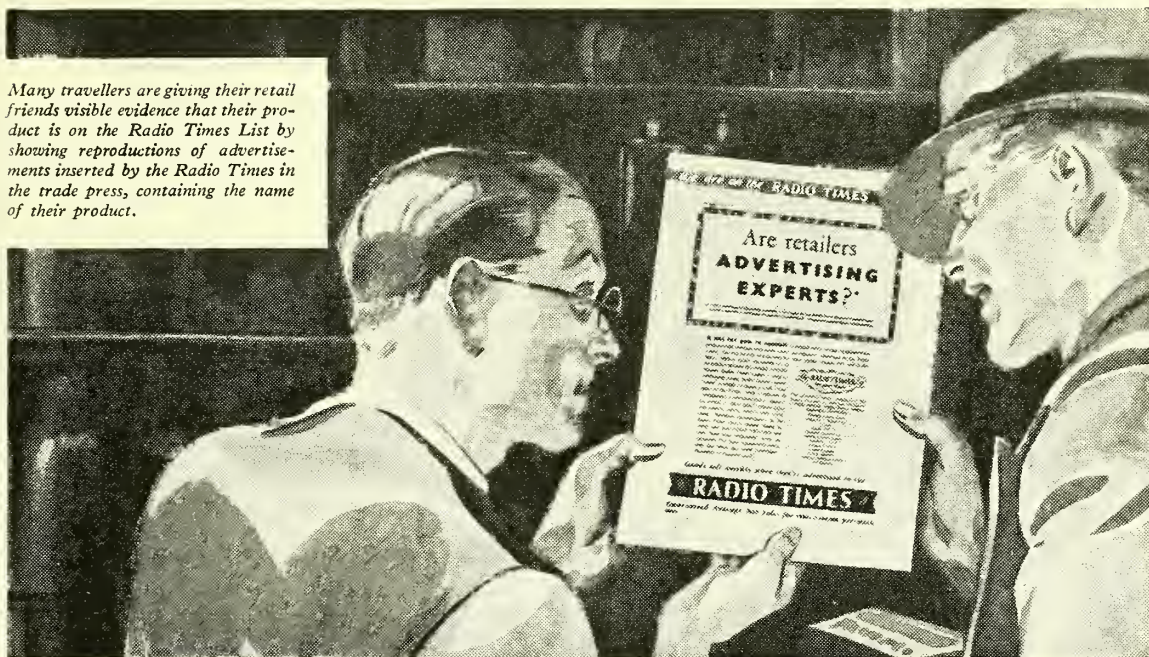
'Good Companion' Typewriter

If you are interested in a standard typewriter choose the Imperial Model 50.

Imperial Typewriter Co. Ltd. (Dept. 51), Head Office & Works, Leicester
London Office: 85 Kingsway, W.C.2 Agents in all centres

"Buy a typewriter made in England"

Many travellers are giving their retail friends visible evidence that their product is on the Radio Times List by showing reproductions of advertisements inserted by the Radio Times in the trade press, containing the name of their product.



An invaluable guide for retailers

Retailers have often found it difficult to decide whether it will be profitable to stock a certain product or not. Now the Radio Times List has come along as an invaluable guide. If a product is on the Radio Times List it is virtually guaranteed a demand.

A product has to be regularly advertised in the Radio Times before it can be on the Radio Times List. This means that the advertisement reaches 2,600,000 families—1 in 4 of all the families in Great Britain. What is more those advertisements have an unusual chance of being seen and read by those families. The Radio Times is turned over page by page as the programmes are referred to and it remains ready-to-hand to be examined and read for the seven days of every week. Such is the value attached to the Radio Times List by manufacturers and wholesalers that they are applying for

reproductions of advertisements, containing the List, inserted by the Radio Times in your trade papers. These are being issued for their travellers to show their retail friends.

The **RADIO TIMES** *List* for your trade

The advertisers below regularly use the Radio Times and are therefore assured of a steady demand. Radio Times readers respond to advertising. The second half of this list will appear in the next Radio Times announcement in this journal.

Painmint Syrup	Optrex Eye Lotion	Beechams
Karmoid Tablets	Poudre Tokalon	Powders, etc.
Salfoin	Pears Transparent	Forhans
Do-Do Asthma Tablets	Soap	Mistol Rub and
Carters Little Liver	California Syrup	Drops
Pills	of Figs	Yardley Powder
Cromessol Disinfectant	Musterole Ointment	Coro-Cream
Perfumes	Scotts Emulsion	Coro-Shave
Bob Martins Con-	Bourn-vita	Anestan
dition Powders	Lactopeptine	Allenburys Diet
Maclean Brand	Bisurated Magnesia	Kolynos Dental
Stomach Powder	Phyllosan	Cream, etc.
Brands Essence	Cuticura	Horlicks
Vapex	Iron Jelloids	Nostroline
Instant Postum	Milk of Magnesia	Dr. Cassells Tablets
Milton	Pepsodent	Phenisc
Famel Syrup	Braggs Charcoal	Boots
Dr. Mackenzie	Trufood	Feen-a-Min
Smelling Bottle	Dunfords Magnesia	Idilma

RADIO TIMES

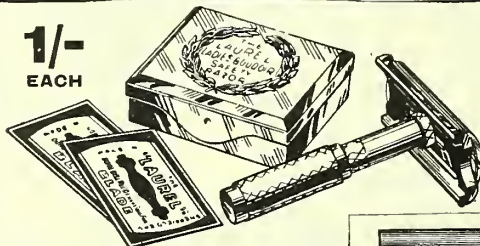
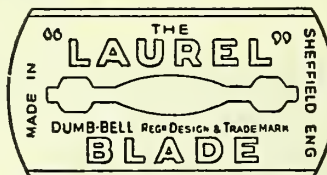
GOODS SELL QUICKLY WHEN THEY'RE ADVERTISED IN THE RADIO TIMES

AN A.B.C. PAPER - GUARANTEED AVERAGE NET SALES FOR 1936—2,600,000 PER WEEK

SHAVE WITH A "LAUREL"

"LAUREL PENNY BLADES—ALL TYPES"

MADE IN SHEFFIELD, ENGLAND

"LAUREL"LADIES' BOUDOIR
SAFETY RAZORS
(NICKEL PLATED)**6d.**
EACH**1/-**
EACHTHE "LAUREL" LADIES'
GOLD PLATED BOUDOIR
SAFETY RAZORCOMPLETE WITH TWO BLADES AS
ILLUSTRATED**PENNY
BLADES**FOR YOUR RAZOR
PACKET OF SIX
BLADES FOR
6d.

FITS ALL 3-PEG HOLDERS

**GEO. H. LAWRENCE LTD. LAUREL WORKS, SHEFFIELD, 25571**THE
"Lady Nicotine"
Regd.
A popular Ladies' BrushW. R. TILBURY & SON
47 Frampton Park Rd., London,
Est. 1880 E.9*Ah.. Veloshave!*THE LUXURY BRUSHLESS
SHAVING CREAM 6d. • 1/-

RENÉ COS LTD., 9 QUEEN VICTORIA ST., LONDON, E.C.4

**OWN NAME COSMETICS
PACKED OR BULK**An extensive special-
ised experience is at
your service. Keenly
interesting prices are
worth investigating.
Ask us to Quote.
Strictest confidence.**THE LABORATORIES, 61 Eagle St., London, W.C.1**

LA PARFUMERIE MODERNE

(Established 1908)

*An Illustrated Monthly Review of the
Perfumery and Allied Industries*The regular publication (in English and Spanish as well as in French)
of technical and practical articles on Essential Oils and Synthetic
Perfumery Products is a feature of this popular Trade Journal.

Specimen copy and all particulars from

15 rue Constant, Lyon**7 rue Chevreul, Paris (XIe)**



**DON'T ENVY HER
YOU!
CAN BE AN ALURA LOVELY**

A new hair beauty fascination can be yours by using Nestle ALURA Colour Wave Set. Two beauty preparations in one. Alura SETS THE WAVE and TINTS THE SET, but it is not a dye and is guaranteed harmless. Simple and quick to use, every bottle contains sufficient for 15 COLOUR WAVE SETS 1/-.

ALURA COLOUR WAVE SET

If your local supplier is out of stock send P.O. for 1/3, stating shade required, to C. Nestle & Company Limited, 48, South Molton Street, London, W.1.

10,000,000 WOMEN are reading about **ALURA** in these papers:—

This is a reproduction of one of the large space advertisements appearing in magazines reaching ten million women. Alura was the success of the recent Hair and Beauty Fair, and already tens of thousands of women have been won to its use.

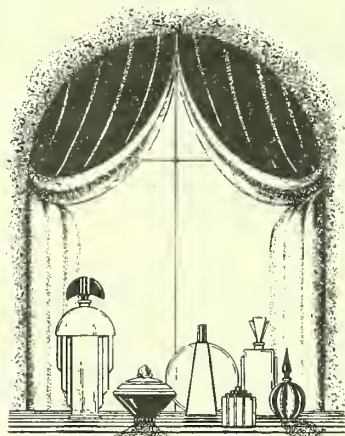
They profit by the alluring colour it gives their hair while setting their waves perfectly in less time, and everywhere chemists have secured more profit by this new source of revenue. You, too, can have more profit: send off your order now to your wholesaler or to C. Nestle & Co., Ltd.

Picturegoer
Home Notes
Home Chat
Woman and Beauty
Woman's Friend
Weekly Illustrated
Passing Show
Woman and Home
Woman's Weekly
Woman's Companion
Woman's Pictorial
Woman's Sphere
Film Pictorial
Film Weekly
Wife and Home
Woman's Illustrated
Screen Pictorial
Mother
Etc., etc.



SIX FASCINATING SHADES
Black, Brown, Auburn, Light,
Chestnut, Blonde & Natural
for Platinum, Bleached and
White Hair. Wholesale Price
8/- per doz. 6 dozen lots
7/9 per doz.

C. NESTLÉ & CO., LTD., 465-467 HOLLOWAY ROAD, LONDON, N.7. ARCHWAY 1184.



*Designers & Makers
of
Quality Glassware
for
Perfumery.*

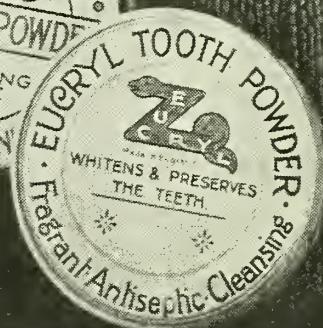
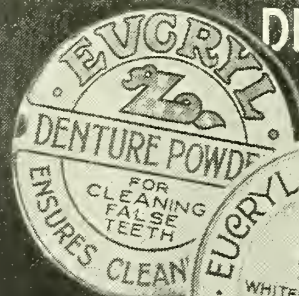
ESTABLISHED 1828

**WOOD BROS. GLASS CO.
LIMITED**

BARNSELEY

ENGLAND

EUCRYL
DENTIFRICES



PROFIT ON
SELLING PRICE

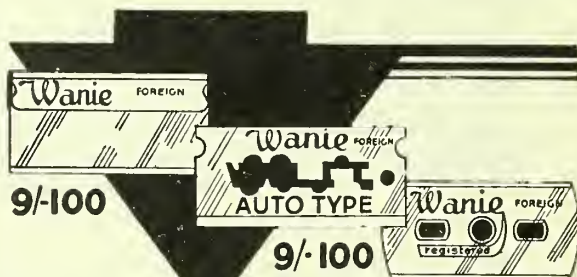
43%

BOUGHT
ON
DISPLAY
TERMS
—YIELD—

PROFIT ON
BUYING PRICE

75%

EUCRYL LTD. Manufacturing Chemists, SOUTHAMPTON



WANIE

8/- GROSS

The Blade for Every Razor!

Send for Samples to Dept. C.D.

**LONDON & PROVINCIAL
FACTORS, LTD.**

146 THEOBALDS ROAD, W.C.1

and at

16 WIThey GROVE, MANCHESTER

Enquiries from Irish Free State Invited.

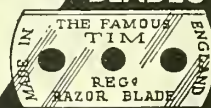
Wholesalers are invited to apply for Trade Terms.

3/9

GROSS
**BRITISH
BLADES**

TIM

HAND
HONED



Sell ZENOBIA Gift PERFUMERY

for big turnover
and big profits

The growing demand for True Flower Perfumes is manifest throughout the Country, and retailers who are concentrating upon this growing demand are doing a progressive and profitable business. The vogue for Gardenia is of special interest, and to meet this new demand of the fashion world Zenobia have produced a real masterpiece. Show Zenobia Gardenia in its attractive silver and blue packing for rapid sales and frequent repeats.

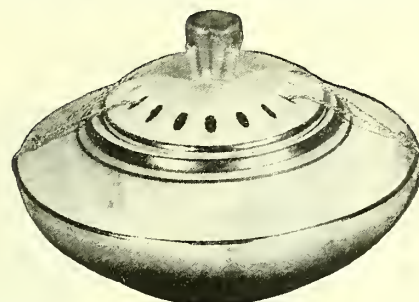
Other Flower Perfumes in increasing demand are Zenobia Lily of the Valley, Sweet Pea Blossom, Violet and Wallflower.

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Below is illustrated a beautiful Coffret in the Gardenia series retailing at 5/6.

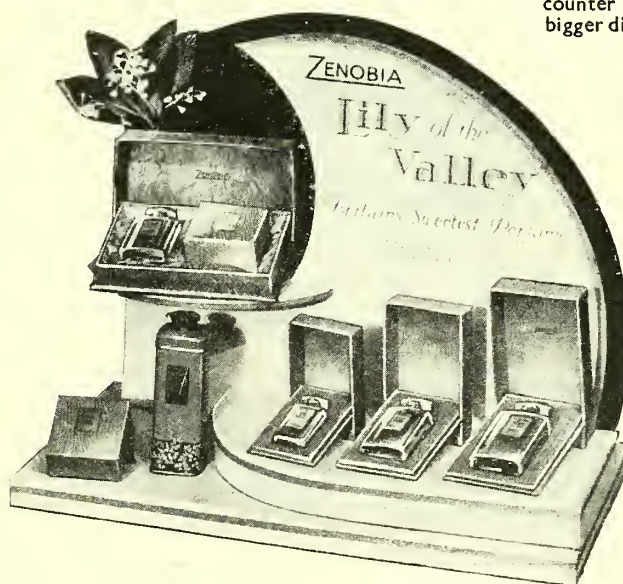
A number of new Display Stands have been produced—illustration on the right depicts the new stand for Zenobia Lily of the Valley.



Pot Pourri in beautiful Staffordshire pottery
3/6 to 6/6. Twenty new designs.



Zenobia Perfumed Greeting Sachets, sell on
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counter earn a
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Sales psychology says "handsome caps." Good sense says "security." Viskaps and Viskrings offer both. They are the original self-shrinking Viscose seals and adjust themselves to almost any container. Supplied in all colours, opaque or transparent, plain or printed, in wet or dry form, they give a secure, hygienic closure. If you will send us one of your containers, we will seal it with a Viskap or Viskring and return it for your inspection.

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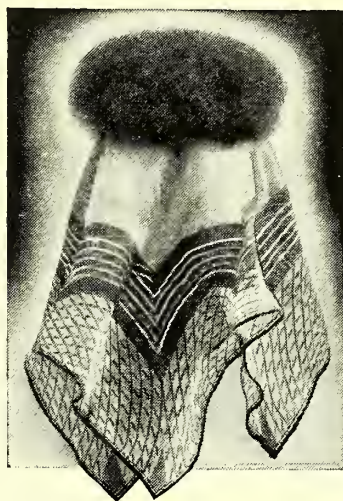
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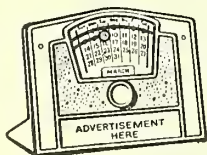
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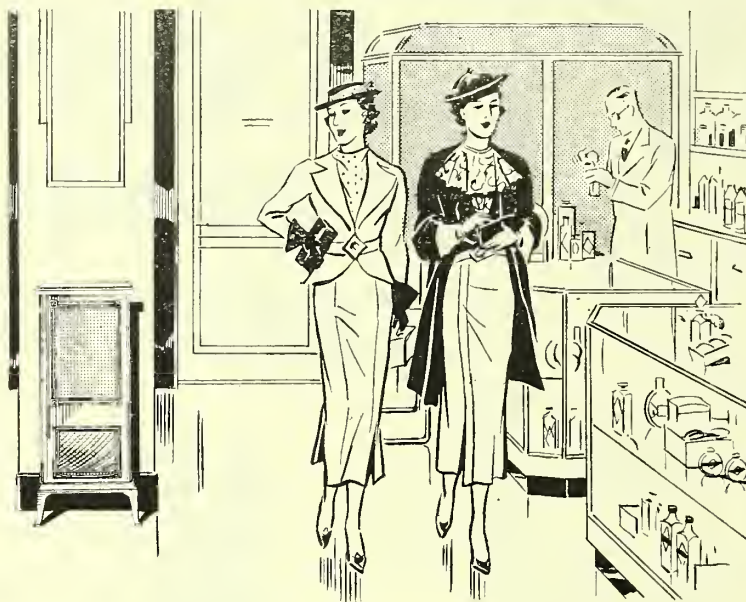
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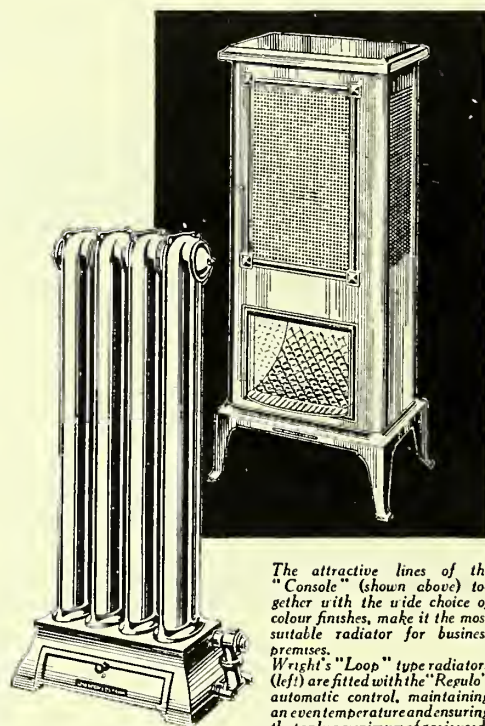
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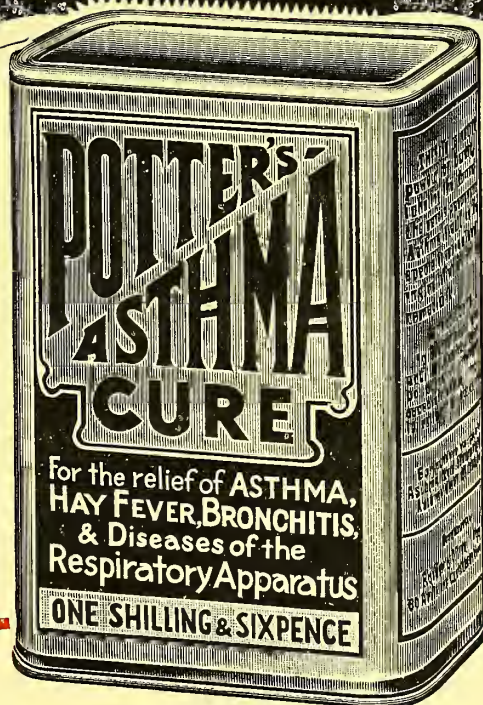
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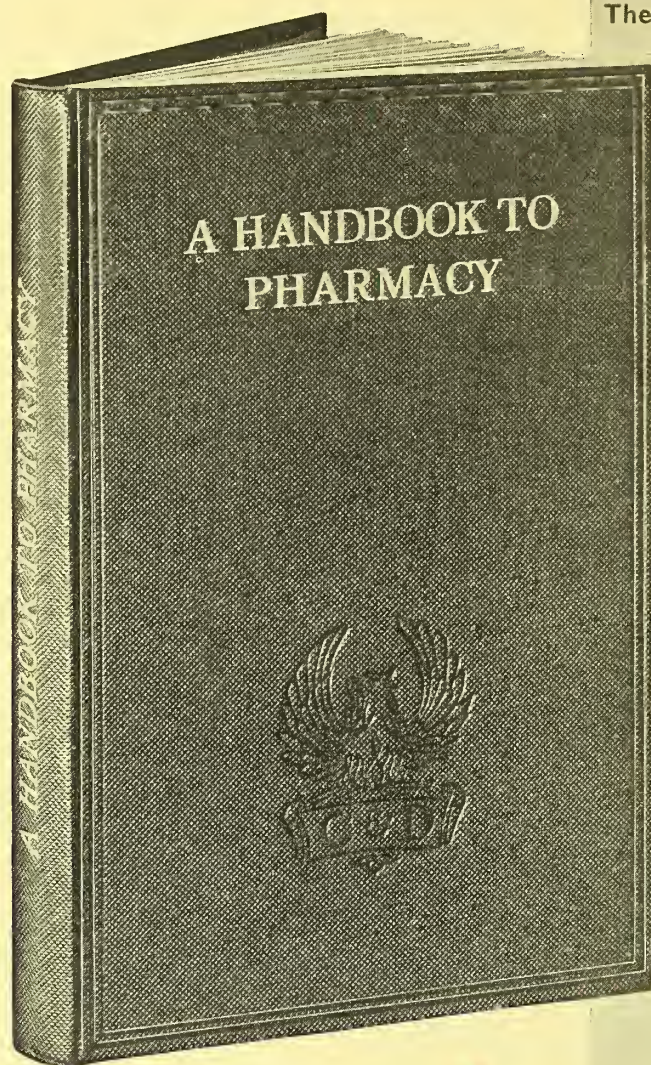


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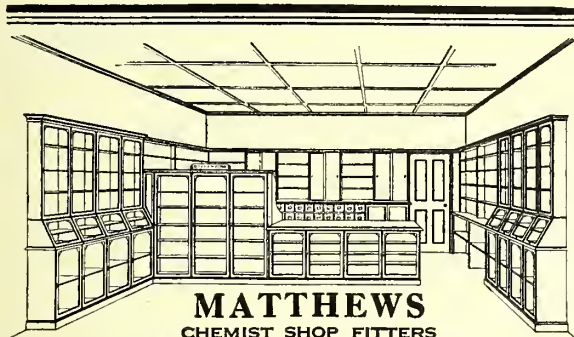


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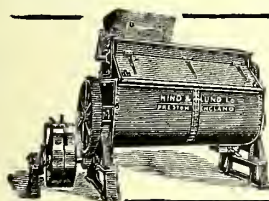
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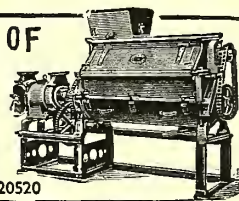


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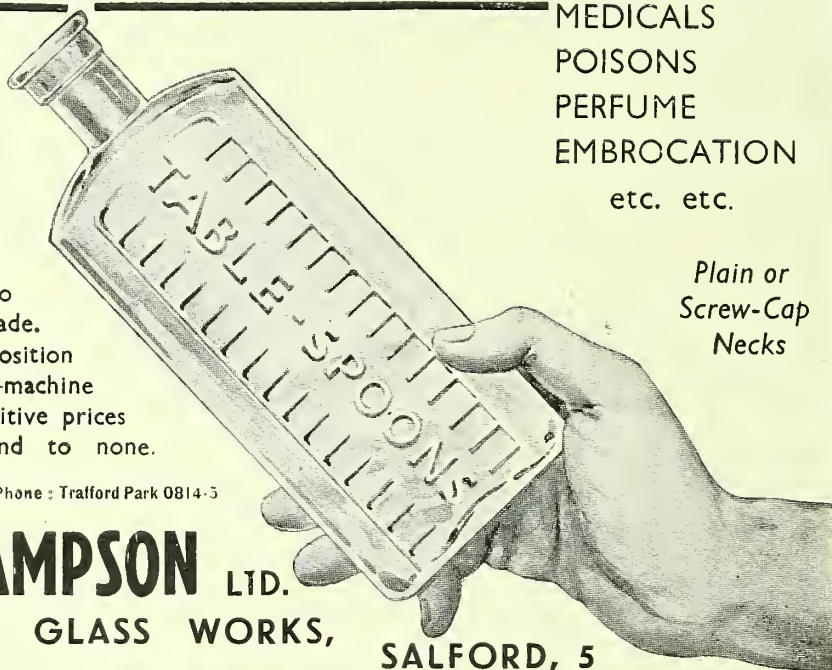
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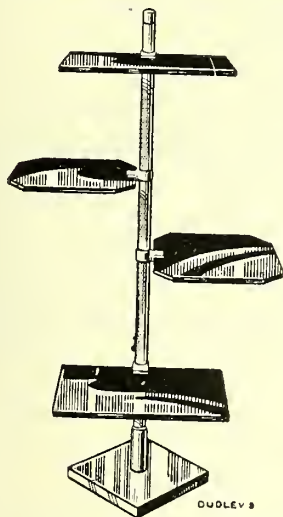
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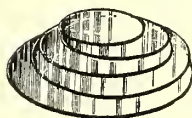


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News of the Week

Drug Trade Appeal Fund

The biennial meeting of subscribers to the Drug Trade Appeal Fund was held on October 21 in the board room of The British Drug Houses, Ltd., Graham Street, London, N.1, by courtesy of the managing director, Mr. C. A. Hill, who presided.

The biennial report was adopted. It indicated that the trustees have had no applications to undertake an appeal since the last biennial meeting of subscribers. The chairman pointed out that it was of considerable interest at the present time to remember that it was the Drug Trade Appeal Fund that undertook the case of Farmer v. Glyn-Jones; the exemption under the Medicine Stamp Acts, commonly called the known, admitted and approved remedies exemption was established as a result of this case.

The financial account and balance sheet, which was adopted, shows a total income of £45 for the two years, with excess of income over expenditure £22. The assets, including cash at bank (May 1936) £192, amount to £823.

The trustees for the biennial period 1936-38 were re-elected. The names of the trustees are Messrs. C. A. Hill, E. W. Gough, D. Lloyd Howard, L. O. Johnson, J. Keall, A. R. Melhuish and E. T. Neathercoat. A special resolution of thanks to the editors and publishers of the trade papers for the help and publicity they have given to the affairs of the Fund since its inauguration was passed. The trustees held a meeting immediately after the meeting of subscribers, when Mr. C. A. Hill was re-elected *Chairman*, Mr. L. O. Johnson *Treasurer*, and Mr. Arthur Mortimer *Secretary* for the ensuing two years.

Opening of the Coty Christmas Season

Less than two years ago we had the pleasure of announcing the opening of a new West End showroom by Coty (England), Ltd. Always original, Messrs. Coty decided to celebrate the commencement of this year's Christmas season with a cocktail party at Coty House, Stratford Place, W.1, on October 27. The chief guests were Miss Dorothy Dickson and Mr. Ivor Novello, the leading stars in "Careless Rapture" at Drury Lane Theatre. They were received on their arrival by Mr. C. C. Valli (managing director) and co-directors, and Miss Dickson was presented with a bouquet. Among other distinguished visitors present was Sir Charles Higham. The beauty of the principal salon was enhanced by the play of a coloured and perfumed fountain in the centre. The history of this delightful mansion (which possesses Adam decorations and, in the garden, a vine) was suddenly brought to mind by the lowering of the lights and the appearance of "the Coty ghost," a veiled female figure whose sentences, far from inspiring awe, were punctuated with laughter and applause. It appeared that this ghost was in the habit of going round the premises at night and sampling the perfumes—presumably a new accomplishment in the realm of ghosts—and it was able to advise those present in the matter of selection. This happy idea restarted conversation with renewed interest.

Chemists' Dental Society

The twenty-sixth annual meeting of the Chemists' Dental Society was held at Porchester Hall, London, W.2, on October 23, the president (Mr. C. C. Greensmith) in the

chair. The annual report referred to the interests of the members, which are being zealously conserved, the experimental period of the new scale of fees for N.H.I. dental treatment and the statistical inquiry now being undertaken. A discussion arose as to the best means of providing dental treatment for necessitous persons outside the scope of the N.H.I. Acts and prevention of the exploitation of the dental profession. Dr. Templar Malins called attention to a draft scheme for public medical service, and suggested that dental treatment could be given in a similar manner. The secretary was instructed to explore the matter together with representatives of the other dental organisations. The treasurer's report, presented by Mr. J. J. Laws, showed a satisfactory balance.

The following officers were elected for the ensuing year:—*President*, Mr. W. Vernon; *Vice-President*, Mr. G. C. C. Hinton; *Treasurer*, Mr. J. J. Laws; *Auditor*, Mr. W. E. Barker; *Council*, Dr. E. Templar Malins, Messrs. F. C. Ashford, A. E. Ashworth, W. E. Barker, S. Davis, C. C. Greensmith, G. C. Hinton, J. J. Laws, H. J. Morgan, F. R. Sutcliffe, W. Vernon, G. I. Williams; *Secretary*, Mr. J. W. Roberts, 10 Tavistock Place, London, W.C.1. An interesting function was the presentation to the retiring president of an all-mains radio set as a memento of the able manner in which he had conducted the proceedings during his chairmanship.

Sessional Events

The Derby branch of the National Pharmaceutical Union held a meeting to hear a report upon and to discuss the resolutions of the N.P.U. Branch Delegates' Conference. The meeting was well attended, and increasing enthusiasm for the Chemists' Friends scheme was evident. Unanimous agreement was expressed that whole-hearted support of the C.F. scheme should be made a condition of membership of the N.P.U.

The Reigate, Redhill and District Pharmacists' Association and Branch held their annual dinner and dance at Coulsdon on October 14. Mr. Woolf (president) in the chair. Proposing "The Pharmaceutical Society," Mr. F. G. Lewis (vice-president and secretary) referred to the origin of the Society. Enormous strides had been made since those early days. He wondered what the pioneers would think if they could see the work done by the Society to-day; for example, that done by the Pharmacological Laboratories. The Society must surely rank now as one of the most influential bodies in the country. Recent years had seen great changes in education and the standard had been gradually raised. Figures already showed a decline in the number of entrants to pharmacy. This might be all to the good for a time, but there was a danger that it might lead to a real scarcity of apprentices. They must face facts. Responding, Mr. Adams said that pharmacy had just passed out of a transition stage. For many years it had been in the throes of proposed and half-formed legislation; that legislation and the rules made under it were now in force, and it was surprising how well they had been taken. While changes in the Society's constitution had taken place, the basis was still the Charter of 1843. It was time for a revision of the constitution of the Society. An important point was that the majority of members of the Society were now employees. That tendency seemed to be on the increase. One could not dissociate those changes from the general trend of economic life. The toast of "The Local Association" was submitted by Mr. G. Loxton Grinstead and replied to by Mr. Woolf. The president was given a cordial reception. He said he had never belonged to an organisation so enthusiastic and with such high ideals. Mr. Woolf observed that pharmacists were best suited to do dispensing, and it was only right that prescribing should be separated from dispensing. A proper dispensing service could not be conducted without proper remuneration. He looked forward to the time when pharmacists would be able to give a 24-hour service with relays of staff. "The Ladies and Visitors" was proposed by Mr. G. S. Powell, and replies made by Mrs. Tibbett and by Mr. Bennett (chairman, Croydon Branch).

Exeter

Exeter and District Branch of the Pharmaceutical Society held a representative meeting at the Rougemont Hotel, Exeter, on October 21, when Dr. W. A. Robb (pathologist at the Royal Devon and Exeter Hospital) gave an address on "Immunity and Immunisation." Mr. F. E. Battershill (Barnstaple) presided. Dr. Robb, who is also a pharmacist, stated that there was no such thing as complete immunity; there

was only a balance between the virulence of the germ or infection and the susceptibility of the individual. Heredity and diet were all-important in determining whether a disease occurred and with what severity. Immunity might be innate, especially during infancy, through anti-bodies derived from the mother; it might be acquired by passing through the disease in recognisable or latent form or artificially by the injection of vaccines; or it might be passive, naturally from the parent or artificially by injection of antitoxic serums. Stress was laid on the importance of increasing general immunity by proper or adequate diet, exercise, fresh air, sunlight and personal hygiene. Resistance to disease initially fell after inoculation. A discussion followed.

Kingston-on-Thames

The opening meeting of the present session of the Thames Valley District Pharmacists' Association on October 20 was devoted to an address at Kingston-on-Thames by Mr. E. A. Atkins, a member of the National Pharmaceutical Union Executive, on "Current Pharmaceutical Affairs." The chair was occupied by Mr. F. G. Davis (president). Mr. Atkins traced the negotiations which had taken place regarding the Chemists' Friends scheme. Several meetings had been held with the manufacturers in an endeavour to arrive at amicable arrangements. The majority against the proposals on taking a referendum left the Executive with no alternative to turning them down, and there the matter rested. He (the speaker) thought that if the proposals had been accepted in part, they would have eventually got all the trade and a satisfactory compromise would have been made with the manufacturers. Whatever was done, they must be prepared to compromise. They must work to make the scheme a success. They had heard much of the losses that would occur, but the N.P.U. had had access to certain members' books, and the accountants found that the average loss per shop, where these parcels were not purchased, was only about £12, and (what was more important) the average profit was up, as they were featuring C.F. lines and their own goods. It was necessary for a parcel to be turned over four times in the year for them to reap the benefit of any allowance or bonus. By co-operation among themselves they could retain what might be called "co-operative personality." National advertisers, in making their plans, always allowed for the chemists' window display, which went to show the great value of their windows. Regarding the patent-medicine inquiry, the Executive of the N.P.U. had carefully considered the evidence they would give; it was their intention to put forward strong claims for the continuance of the present exemptions held by chemists. The Sunday Closing Act, as far as it affected the chemist, was explained. Messrs. Griffiths, Harrison, Alfred Higgs, Howells and several others spoke. It was asked what was to be the position of towns where there was not a chemist. Mr. Atkins said that the N.P.U. were prepared to consider these places as "special areas." As to what action the N.P.U. could suggest to bring in those chemists who were not supporting the C.F. scheme, it was stated that the Executive suggested the formation of local committees, whose members would call upon chemists in their district and try to get them to come into line. The meeting was in favour of the N.P.U. Executive arriving at a compromise with manufacturers on certain points.

Lancaster

A meeting of the Lancaster, Morecambe and District Branch of the Pharmaceutical Society was held in the King's Arms Hotel, Lancaster, on October 20, the president (Mr. F. Hindle, Lancaster) in the chair. Mr. W. J. Beardsley (a member of the Society's Council) addressed a considerable number of pharmacists from Lancaster and the outlying districts. After correspondence from the Society and other sources had been read by the secretary (Mr. W. A. Smith) and a questionnaire from the Society referring to the federation of branches had been referred to the Executive, Mr. Beardsley spoke on "The Practical Application of the Poisons and Pharmacy Act, 1933." Mr. Beardsley said he was of opinion that pharmacy should be more strongly represented on the Poisons Board. The application of the poisons regulations more intimately concerned the pharmacist than anyone else, and pharmacy was far too poorly represented on the Board to be of much service. Speaking about complaints he had received regarding the registration fee,

he said the Society required all that money for the administration of the Act, and in time pharmacists would realise the advantage of the Act and of being themselves able to administer that part of it which concerned them. He emphasised the importance of paying the fee at the time it was due; delay meant further expense in re-registering. He gave details of the training inspectors under the Act had received before being sent out. He asked that any pharmacist who knew of cases of the supplying of barbiturates to patients by medical men should give details of them to the secretary with a view to their investigation. He gave advice about the storing and sale of poisons, the duties of the inspectors and what could be called reasonable demands from them; he cited various actions by the Society against contraveners of the poisons regulations; and said the time was ripe for a unification of pharmaceutical interests. There were far too many societies and associations in pharmacy, he thought. Questions on the Act were asked by Messrs. Smalley, Swaits, Ellson, Houghton, Meadowcroft, and Pumphrey. Mr. Ellson asked if pulv. nuc. vom. should be considered as strychnine and sales for veterinary purposes refused. Mr. Beardsley thought it should not be considered as such, and sales would be quite legal.

Leicester

The prize distribution of the School of Pharmacy of the Leicester College of Technology was held on October 20. The meeting was a joint one with the Leicester and Leicestershire Branch of the Pharmaceutical Society, and the president of the branch (Mr. F. Purse) was in the chair. Among those present were Dr. Allan Warner (former chief medical officer of the Leicester Education Committee), Mr. L. W. Kershaw (Principal, College of Technology), Mr. A. E. Young, Mr. H. T. Plowman (secretary, Leicester Royal Infirmary), and Mr. A. R. G. Chamings (head of the School of Pharmacy). In his introductory remarks Mr. Purse, as chief pharmacist at the Leicester Royal Infirmary, spoke appreciatively of the link between the School of Pharmacy and that institution. The principal of the College presented his report for the School of Pharmacy. He spoke appreciatively of the work being done by Mr. Purse under the Leicester Royal Infirmary scheme. During the past year this collaboration had increased, and in connexion with the pathological laboratories of the Infirmary a complete course of lectures and practical work was being taken by the B.Pharm. and Ph.C. students under the pathologist. A year hence would see the completion of the new School of Pharmacy, which is to be rehoused in the new wing of the College at present under construction. He thanked the local Branch of the National Pharmaceutical Union for gifts toward the equipment of the new laboratories, and also thanked the donors of prizes.

In his statement Mr. Chamings reported a successful session with over 80 per cent. successes in the C. and D. and five successes in the Ph.C. Examination. He congratulated Mr. A. C. Brown on having gained the Society's herbarium prize, and mentioned that this was the third time in the past twelve years that the silver medal had come to the School of Pharmacy. Mr. Gunn had this year read a paper at the British Pharmaceutical Conference. A bronze medal had also been awarded to a student in the School, W. L. Summerfield, for work on the preparation of lysol done in conjunction with Mr. Gunn. The success of the School was measured not only by the numbers of those who had passed the examinations but also by the fact that almost without exception students of the School who had qualified were already in employment, and during the past year a number of appointments had been obtained by students.

In the course of his address Dr. Warner referred to pharmacy as a learned profession, by whom, therefore, the use of technical terms would be fully understood. Perhaps, however, they had not realised that so common a term as "paregoric" had an interesting derivation. All know that the preparation is a soothing mixture; strangely enough the word itself might be construed to mean "to give an address," and in fact was used of those who debated in the market places of Greece and really meant "saying something pleasant." Dr. Warner traced the development of the pharmacist from his early training, pointing out how that this should, rather than narrow his outlook, broaden it. He emphasised the importance to the pharmacist of wide contacts and secondary interests of a cultural character. It was so easy to become narrowed in

one's own profession. In the latter part of his address he spoke humorously of his early work as a medical practitioner in a large North Country practice, where he had a *clientèle* divisible into three distinct groups by the fact that the bottles of medicine might either be wrapped in white daisy, in the pages of the medical journals, or not at all. Dr. Warner then presented the prizes as follows:—

Presented by the Leicester and Leicestershire Branch of the Pharmaceutical Society.—Prelim. Sc. and Inter. B. Pharm. Course: (1) value £1, also botany, chemistry and physics prizes, Douglas A. Todd. (2) value 10s., John H. Spiers.

Pharmaceutical Chemist and B. Pharm. Course: Prize value £1, also certificates of honour in pharmacognosy, pharmacy, botany and pharmaceutical chemistry, Eric J. Fitchett.

Presented by A. de St. Dalmas & Co., Ltd.—Chemist and Druggist Course: (1) value £2 2s., also certificates of honour in forensic pharmacy and pharmaceutical chemistry, Margaret N. Grudgings. (2) Value £1 1s., also certificate of honour in pharmacognosy, Ronald H. Hanson.

Certificates of Honour.—Physiology, Kenneth W. Hewish; pharmacy (theory and oral), Kenneth Newberry; pharmacy (practical), John W. Ashmore.

Presented by E. H. Butler & Son, Ltd.—Post Prelim. Sc.: Prize value £1, Marjorie A. Kay.

Presented by the Pharmaceutical Society.—B.P. Codex, Kenneth Newberry.

Presented by the Advisory Committee, School of Pharmacy.—Prize value £2 2s., Margaret N. Grudgings.

Mr. A. E. Young (chairman of the School of Pharmacy Advisory Committee), in proposing a vote of thanks, thanked Dr. Warner for his illuminating address.

Liverpool

Speaking at the annual smoking concert of the Liverpool Chemists' Association on October 21 in aid of the Society's Benevolent Fund, Mr. H. Antcliffe (chairman of the Fund) revealed that already a sum of £1,521 had been sent in as a result of the series of concerts in Liverpool. Mr. Antcliffe was introduced by Mr. G. L. Clubb (president of the Association) as "a modest, retiring man, who could have been president of the Society but declined the honour." Mr. Antcliffe said the Benevolent Fund was one of the aims of the founders of the Society. During the past year there had been forty-five annuitants, costing £2,048; 282 grants, costing £4,119; and five orphans, costing £297. They had been criticised in some quarters for not issuing voting papers; he pointed out that when, on one occasion, they had done so, it had cost them £200. This was thought excessive, and it was considered this fee should be paid to the annuitants. In 1879, with 4,000 members of the Society, subscriptions had totalled £1,400; in 1932, with 22,218 members, only £2,677, an average of ½d. per member per week.

London

A meeting of the West Ham and Eastern District Branch of the Pharmaceutical Society was held at the Church Hall, West Ham, on October 21. Mr. S. C. Jones (chairman) introduced Mr. W. Deacon, who lectured on "x-Rays in 1936," giving a short *résumé* of their discovery. He illustrated by means of lantern slides the wide uses of x-rays to-day. A vote of thanks to Mr. Deacon was proposed by Mr. J. Thomson. A collection for the Benevolent Fund realised £1 8s. 6d.

The twenty-fifth session of the North London Pharmaceutical Association opened on October 20, Mr. C. W. Andrew presiding. The following were elected officers:—*President*, Mr. G. A. Steel; *Vice-President*, Mr. G. A. Tocher; *Treasurer*, Mr. J. J. Tyrrell; *Secretary*, Mr. H. Skinner; *Assistant Secretary*, Mr. A. E. Footitt. Mr. H. E. Chapman, general secretary of the P.A.T.A., addressed the meeting on "The Medicine-Stamp Duty." Mr. Chapman gave an outline of the events leading up to the appointment of the Committee of Inquiry. The Glyn-Jones test case brought to the front the known, admitted and approved exemptions clause. The right of the chemist to sell his own proprietaries unstamped was thus established, and remained unassailed until a few years ago. The effect of "branding" and "destamping" was shown by the returns for medicine-stamp duty, which have continuously decreased, while the number of licences granted has increased at an alarming rate. The growth of "substitute" lines was mentioned. In the discussion which followed stress was laid upon continuance of the known, admitted and approved exemption. Messrs. Steel, Skinner, Young, Tocher and others took part.

A meeting of the Guild of Public Pharmacists was held at 17 Bloomsbury Square on October 21, the president (Mr. C. H. Sykes) in the chair. Mr. Norman Evers, B.Sc., F.I.C., lectured on "Fish and Pharmacy." The lecturer gave an account of the history of cod-liver oil, including its introduction into England for rheumatism. It was not, he stated, in general use in Western Europe for rickets until about 1840. The old method of obtaining the oil was by rotting cods' livers. In 1853 the steaming method was introduced. The value of cod-liver oil was formerly believed to be due to the iodine content of the oil, but this gave way, in 1912, to the vitamin theory. The lecturer described the refining of the oil, the methods of fishing off the Lofoten Islands, and the habits of the cod and other fish. Oils from the livers of other fish had not been used until recently owing to small yield, different methods of separation, and lack of means of testing vitamin content. The history of halibut-liver oil was described, and attention was drawn to the great variation of the vitamin-A content of liver-oils from halibut, the blue value being highest in May and June. The lecture was illustrated by lantern slides and concluded with a note on the relation between calciferol and the D vitamins, including the recently synthesised D₃.

The Western Pharmacists' Association and the National Association of Women Pharmacists held a joint meeting in the lecture theatre at 17 Bloomsbury Square, W.C.1, on October 28, when the chair was taken by Sir Humphry Rolleston, Bt. In his opening speech Sir Humphry said he had seen an installation of electrical apparatus by Mr. W. Deacon, the lecturer of the evening, and looked forward to hearing his lecture. A nervous candidate in an examination was asked to define electricity, and said that he had forgotten the answer. The examiner remarked that only the Almighty and the candidate ever knew the answer; one would not tell and the other had forgotten. (Laughter.) Under the title "The Mastery of a Mystery," Mr. Deacon covered the history of the discovery of electricity and its application, and showed numerous lantern slides, including an early x-ray photograph by Sir Oliver Lodge. Beginning with the use of amber by the Greeks, the lecturer went on to review the work of Gilbert of Colchester, Franklin, Galvani, Volta, Davy, Faraday and others, and to speak of modern developments of electrical power as applied to medicine, veterinary surgery, farming, horticulture, traction and so forth.

The lecturer was cordially applauded by a large audience, and at the close Sir Humphry Rolleston expressed the general feeling in a few felicitous sentences. He recalled a demonstration of one of the first telephones at Plymouth, several years ago, when a connexion was experimentally made with Exeter and the words "Hey diddle diddle" were transmitted. Another droll reminiscence related to a professor at Cambridge whose irritation at the imperfect functioning of his telephone resulted in "sending a boy round." Mrs. Skinner (president of the Women Pharmacists' Association) proposed, and Mr. P. D. Goodwin (president of the Western Pharmacists' Association) seconded, a vote of thanks to Mr. Deacon. After his brief reply Mr. A. R. Melhuish moved a vote of thanks to Sir Humphry Rolleston for presiding, remarking that Sir Humphry had been a worker in the cause of medicine for quite forty years and held a unique position in the minds of his own profession and in those of his colleagues on the Council of the Pharmaceutical Society. Miss Bolton, in seconding, pointed out that the chairman was descended from Sir Humphry Davy. On rising to acknowledge the vote, the chairman was accorded an ovation which emphasised the thanks of the audience for his kindness in presiding.

Peterborough

The twenty-ninth annual meeting of the Peterborough and District Chemists' Association was held at Peterborough on October 20. The following officers were elected: *President*, H. E. Whitwell; *Vice-President*, H. Stanyon; *Secretary*, B. Wright; *Treasurer*, J. W. Bodger; *Council*, A. Duffield, G. W. Dring, A. Graham, G. K. Lenton, A. R. L. Evans, Miss A. M. Smith. The secretary's report and the treasurer's balance sheet were duly received and adopted. Rules of the Association were discussed and brought up to date. It was decided to confine the area covered by the Association to Bourne, Crowland, March, Market Deeping, Oakham (Rutland), Oundle, Peterborough, Ramsey, Stamford, Uppingham and Whittlesey. The towns of Huntingdon, Kimbolton, St. Ives and St. Neots were left for further consideration.

Pontypridd

The annual supper of the Pontypridd and Rhondda Valley Branch of the Pharmaceutical Society was held at Pontypridd on October 22, when Mr. D. A. Bryan (chairman, National Pharmaceutical Union) was the guest, and Mr. A. S. Lloyd (president) took the chair. Following the supper and prior to Mr. Bryan's address, presentations were made to Messrs. W. Oswal Davies, Pontypridd, and D. H. Lewis, Mardy. On presenting Mr. Davies with a plate to be affixed to a book-case (the gift of the branch), the chairman spoke of Mr. Davies's long services to the Branch as secretary and president. It was mentioned that he had been a member of the Glamorgan Pharmaceutical Committee since its inception and was its present chairman. Mr. Davies spoke of the interest he had found in recently looking over the old minute-books of the Branch, and felt pleased that the Association formed in 1911 was the forerunner of the present active Branch. Mr. Lloyd presented Mr. D. H. Lewis with a plate to be affixed to a fitted wardrobe (the gift of the Branch) and spoke of his services since he had taken over the secretaryship in 1933. He also mentioned that Mr. Lewis's father (Mr. D. E. Lewis) who, before he left the district in 1920, had been for many years their treasurer, was present at the meeting. Their present secretary was a member of the Glamorgan Pharmaceutical Committee. Mr. Lewis thanked members. Mr. Bryan addressed the meeting on the Chemists' Friends scheme. He spoke of the increasing number of medicine-licence holders and of the inroads made into what was really the chemists' trade. He gave figures, verified by accountants, of the returns of various businesses, the proprietors of which had faithfully carried out the requirements of the C.F. scheme since its origin. These proved that the carrying out of the scheme did not entail loss to the chemist, but actually resulted in increased trade. He reminded those who perhaps were inclined to doubt the possible success of the scheme of the beginnings of the P.A.T.A., and invited them to compare the number of firms already on the C.F. list in the first year of its existence with the number of firms who were associated with the P.A.T.A. in the first year of its work. A scheme as far-reaching as the C.F. was not one of mushroom growth, but it had already been proved effective, and he asked the Branch to support it to the utmost.

Miscellaneous

INSTITUTE OF CHEMISTS-OPTICIANS.—The annual meeting of the Southern Counties Advisory Committee of the Institute of Chemists-Opticians was held at Southsea on October 8, when the following officers were re-elected:—*Chairman*, Mr. E. H. Stonebridge; *Secretary*, Mr. W. E. Bown. A report was given on the work being done by the Central Optical Council, and a discussion on their latest proposals followed.

POLICE WARNING.—Chemists in the North of England are warned to look out for a man who robs shopkeepers while posing as a police official. This man calls and explains that a man has been arrested for passing counterfeit notes. Representing himself as a police officer, he asks to be given all the notes in the till, and requests the shopkeepers to accompany him to police headquarters. On the way he disappears.

CENTRAL OPTICAL COUNCIL.—The fourth meeting of the Central Optical Council was held on October 8, the chair being occupied by Mr. A. E. Turville. The following organisations were represented:—Guild of British Consulting Opticians, Institute of Chemists-Opticians, Institute of Ophthalmic Opticians, Joint Council of Qualified Opticians, National Association of Opticians, Scottish Association of Opticians. The secretary (Mr. E. G. Guyatt) reported that grants had now been received from all organisations. Ethics and propaganda were dealt with and referred for completion to the adjourned meeting on November 19. The following letter was read from the Institute of Ophthalmic Opticians: "The Council of the I.O.O., being of the opinion that any attempt to secure legislation for the profession must needs be supported by all the optical organisations represented on the Ophthalmic Benefit Joint Committee and that, for the purpose of securing common agreement, all those bodies should contribute and harmonise their views, hereby submit their transaction on the legal aspect of registration to the Central Optical Council for their consideration as the body best suited to ensure common agreement."

Irish Notes

Pharmaceutical Society of Ireland

Of eighteen candidates who entered for the October Licence examination of the Pharmaceutical Society of Ireland two passed: Nora C. Costello and Vincent P. Mangan.

Pharmaceutical Society of Northern Ireland

The winter examinations of the Pharmaceutical Society of Northern Ireland have been fixed for the week commencing November 30. They will take place in the Belfast Municipal College of Technology. Entries close on Friday, November 6.

Northern Ireland Chemists' Benevolent Fund

A meeting of the Belfast Ladies' Social Committee was held at 73 University Street on October 21. The following were present:—Mrs. Fred Storey (in the chair), Mrs. Badger, Mrs. W. Martin, Mrs. C. Abernethy, Miss Patterson, Ph.C., Miss Forrest, Ph.C., Miss Fox, Ph.C., and Miss Laverty, Ph.C. (secretary). Mrs. Dwen (treasurer) intimated that, as she was unable to attend the meetings, she wished to resign her office. On the motion of Mrs. Abernethy, seconded by Mrs. Martin, Miss Patterson was unanimously appointed treasurer. Arrangements were made for the annual dance. Mr. Fred Storey attended from the Benevolent Fund Committee to thank the committee for their valuable contribution to the Fund, and to make arrangements for stewards at the dance. He said the credit of establishing a Benevolent Fund in Northern Ireland was due entirely to the ladies' committee. They had organised several large dances and brought pharmacists and friends together in a manner that was astonishing. Mrs. Abernethy moved, and Mrs. Badger seconded, that steps be taken to transfer their funds to the Benevolent Fund Committee.

Brevities

At Lurgan Quarter Sessions, recently, Frederick Curtis, Belfast, was sentenced to six months' imprisonment for having obtained 30s. by false pretences from Mr. Walter H. Baxter, Ph.C., Lurgan.

Mr. Fred Storey, Ph.C. (vice-chairman, Ulster Tourist Development Association) has been unanimously appointed the Association's representative on the executive committee of the Travel and Industrial Development Associations of Great Britain and Ireland in place of the late Sir Frederick Cleaver.

The first important move to organise photo-finishers in the Free State took place on October 23, when a representative gathering of Dublin finishers met at Jury's Hotel and decided to form an association. This is to embrace the Free State, and to work in close co-operation with the Photographic Dealers' Association and the Irish Drug Association. Mr. T. A. Cronhelm (Rapid Developing Co.) was elected *Chairman*, Mr. W. Magill (Kodak, Ltd.) *Treasurer*, and Mr. E. MacMahon (Reliance Service) *Secretary*. These officers, with Mr. B. F. Mason (T. Mason & Sons) and Mr. G. Nelson (Evans' D. & P. Service) will constitute the *Committee*. The annual subscription was fixed at 10s. Any chemist finishers who have not already heard from the Association are requested to get into communication with the secretary at 9 Burgh Quay, Dublin. One of the first and most urgent problems to which the Association is directing its attention is price cutting.

Belfast

Mr. James Robinson, M.P.S.N.I., Belfast, has been bereaved by the death of his father, Captain John Robinson, a well-known master mariner.

The annual meeting of the Alembic Society was held on October 16 in the Municipal College of Technology, Belfast. Professor Wren (president) in the chair. Mr. J. Bunting, Ph.C. (secretary), submitted his report, which showed that the past session had been successful. Miss Barry, B.Sc., Ph.C. (treasurer), submitted the treasurer's report and balance sheet, showing the finances of the Society to be in a healthy condition. Mr. Fred Storey moved the adoption of the reports, and Mr. D. Pinkerton seconded. Mr. Fred Storey, Ph.C., and Dr. R. E. Burrows were unanimously re-elected *Vice-Presidents*; Mr. Pinkerton was elected *Secretary*; and Miss Barry was re-appointed *Treasurer*. The following members of the *Committee*

were re-elected:—Mr. N. Millar, Mr. A. Callaghan, B.Sc., Mr. J. W. Porter, F.I.C., and Mr. T. Robinson. The following new members of the *Committee* were elected:—Mr. H. S. McCauley and Mr. R. Spence, Ph.C. Votes of thanks to the secretary and treasurer concluded the proceedings.

Dublin

The first pharmaceutical social event of the Dublin season will be the supper and dance of Irish Pharmaceuticals, Ltd., to be held at the Gresham Hotel on December 8. This annual event always attracts a fine gathering. A capable committee, under Mr. S. T. McCauley, is already making preparations.

Sir John Moore, Dublin's oldest practising physician, spent the eve of his ninety-first birthday supervising the Licence examination of the Pharmaceutical Society of Ireland, to which he is the visitor appointed by the Government. Sir John, who walks a few miles a day and never rides in a motor car, still attends daily at the Meath Hospital as consulting physician. He was physician to the Hospital up to last year.

An exhibition of Christmas gift suggestions and packed medicinal goods was held at Jury's Hotel, Dublin, during the week October 12-17 by St. Dalmas (Ireland), Ltd. Mr. A. W. Hughes (managing director) was in attendance. It was visited by a large number of provincial chemists, in addition to those from the city. In an adjoining showroom Coty, Ltd., staged an exhibition of their Christmas packs, at which Mr. W. F. M. Keys (Irish representative) was in charge.

Scottish Notes

Brevities

Mr. Maurice Iveson, chemist and druggist, has been appointed Scottish representative of S. Maw, Son & Sons, Ltd., in place of Mr. E. Norman Torry, who is taking up a similar position in South Africa.

Dundee School of Pharmacy Former Students' Association visited the Mills' Observatory, Balgay Hill, Dundee, on October 23. The party of seventy-four was given a short lecture on astronomy by the curator, and afterwards viewed the moon and various planets through the large telescopes.

Edinburgh and East of Scotland

During a storm which caused widespread damage in Scotland on October 26, part of the roof of the recently constructed factory belonging to J. F. Macfarlan & Co., Northfield Broadway, Edinburgh, was blown off. Workers have been temporarily transferred to other departments.

The annual whist drive and dance of the Edinburgh Chemists' Golf Club, held in the Plaza, Edinburgh, on October 21, attracted 150 players. Winners of the whist prizes were:—*Ladies*, (1) Mrs. G. M. Sidey; (2) Miss Colquhoun; (3) Mrs. Robertson; consolation prize, Mrs. Baillie. *Gentlemen*, (1) J. Bowman; (2) R. L. Munnoch; (3) J. Paul; consolation prize, J. S. Wilson.

Glasgow and West of Scotland

The members of the bowling section of the Glasgow Pharmacy Club held a meeting recently to consider the idea of forming an indoor section. Mr. A. W. Calder (president) took the chair, and there was a large attendance. After full discussion it was resolved to form such a section. Mr. A. W. Calder was appointed *President*; Mr. Donald M. Dick (John Currie, Ltd., Chemists, 39 Eglinton Street, Glasgow, C.5) was appointed *Secretary* and *Treasurer*. Any member of the Pharmaceutical Club who is interested is invited to communicate with Mr. Dick.

The Glasgow and South-western Scottish Branch of the Pharmaceutical Society held its first meeting of the winter session in the Gordon Restaurant, Glasgow, recently. Mr. A. B. Gilmour (chairman of the Branch) presiding. The chairman made sympathetic reference to the death of Mr. A. A. Dick, Bellshill, who had done much valuable work for pharmacy, had been a member of Lanark County Council and had founded the well-known Bellshill Brotherhood. He intimated that a letter of condolence had been sent to the relatives on behalf of the branch and moved that their sense of loss and of appreciation of Mr. Dick's work be recorded in the minutes.

Mr. Gilmour extended the congratulations of the Branch to Mr. W. S. Culbert on his co-optation to the Council, and referred to the conferring of the Order of the British Empire on Mr. J. Rutherford Hill. The chairman presented Mr. Robert Crawford with the Kinninmont prize of £10 10s., tenable at the Royal Technical College, and congratulated him on his success. Mr. P. M. Duff (secretary) read the report of the branch representatives at the Bournemouth Conference. Mr. W. Wilson (Glasgow) said that fifteen members out of twenty-four on the Society's Council was not a sufficient representation for retail chemists. It was the retailers who had to bear the brunt of the legislation of to-day. Mr. Smith (Pollokshields) suggested that they should have given their delegates instructions regarding this matter of territorial representation. Miss Bain pointed out that if Scotland was represented on the Council territorially, they might not have three members, as at present. Mr. A. Murray (Glasgow) said they should conduct their elections on Parliamentary lines. The chairman intimated that the Society would be reviewing the constitution at the earliest opportunity. Mr. Wilson emphasised it had been unanimously recommended by the Conference that the business qualification of the candidates be stated. Mr. T. Guthrie (a member of the Society's Council) said the final word did not lie with the Conference, nor must it be assumed that what was agreed on there would be adopted necessarily by the Council. There had been various reasons for turning down this proposal. Mr. D. G. McKenzie (Glasgow) declared that no wise guardian would put a young person into pharmacy or entrust his future to the Society or the Home Secretary. Miss Bain said it was unfair that the Ph.C. degree should be given to B.Sc. graduates if they simply passed additionally in forensic pharmacy. No concession was given to the Ph.C. graduate towards his B.Sc. degree. The examinations for the latter were internal and for the Ph.C. they were all external. They were opening the door far too wide and admitting many who would not otherwise be eligible. They should press for this matter to be raised again at the next Conference. In reply to a query from Mr. McKenzie, Mr. Guthrie said they desired to see the existing reservation

regarding the dispensing of physicians' prescriptions still further extended.

The secretary then read resolutions which had been put forward by the Harrow, Liverpool, and Tees-side branches, proposing that the State recognise its responsibilities towards pharmacy; that steps be taken to limit the dispensing of all medicines to registered chemists; that a Bill be introduced to amend the present conditions in the trade; and that there be some limitation of shops. Mr. Duff reported that these resolutions had been withdrawn at the Conference. Mr. C. A. Buick (Port Glasgow) said they had put up a resolution that the Council draft a Bill to secure that only registered pharmacists should dispense medicines. The Council had previously considered this matter and had been beaten by the Home Office. Mr. Gilmour said this resolution had been turned down by the Council because they had something even bigger in view. Miss Murdoch said that in Germany they were able to limit the number of shops and the same thing could be done here. Mr. McKim said that when the new Pharmaceutical Society rose like the phoenix from the ashes of the old, he hoped it would have power to limit the number of shops. Mr. W. S. Culbert (member of the Society's Council) said he doubted whether people in this country were prepared to be subject to Government control to such an extent. In some countries, when a chemist died, the State sold his business to his successor. Mr. Clark said that some salaries paid were far too low. He thought they should make a stand for £250. Mr. J. H. Ramsay said a minimum of £200 would operate harshly against very young or very old pharmacists. Mr. H. P. Arthur claimed that certain statutory duties of pharmacists made jury service difficult. He suggested that when chemists were summoned for this service they should secure a lawyer to obtain their exemption. Mr. Duff reported on the meeting of secretaries at Bournemouth. Dr. J. G. Tait, before leaving the meeting, expressed his pleasure at being present. It was a great honour and a great responsibility to follow Mr. Rutherford Hill as resident secretary in Scotland, and he appreciated the confidence the Council had had in him by appointing him.

Topical Reflections

By Xrayer

One of the Advantages

possessed by pharmacists who practise their calling in the Dominions is that they can benefit from the experience of their brethren residing in the home country; I am glad to read the account of the New Zealand conference of chemists, and I wish them all success in their efforts to rationalise pharmacy in the Dominion (p. 471). The resolutions have not yet been accepted, apparently, as part of the Government's Bill, but it is a good piece of work to get such a number passed by the pharmacists concerned and so be prepared with constructive suggestions as and when the opportunity of embodying them in legislation arises. What a contrast to the state of affairs in this country! The adoption of a system of costing for dispensing did not take place till after the great war; but fortunately we now have THE CHEMIST AND DRUGGIST Retail and Dispensing Price List, which gives two methods of pricing prescriptions. In the days of my apprenticeship, pricing at the dispensing counter was a rather arbitrary business. There was some attempt to charge extra for expensive drugs such as quinine, but the whole system of pricing was based upon rule of thumb methods. From a wide experience of costing scripts I can say that unless a costing system is used, undercharging is almost bound to take place. I consider that the resolutions on pricing carried in New Zealand suggest methods which could well be considered in this country by local associations.

It Is a Testimony

to the impression made upon retail pharmacy by the Chemists' Friends scheme that discussion on it at the Conference of Delegates from the N.P.U. Branches should fill two columns of your issue of October 24 (pp. 466-67). I learn that, generally, it has developed as well as, if not better than, was expected by even its most enthusiastic supporters. It

was not to be imagined that proprietaries that had been sold freely by traders other than pharmacists for many years should be suddenly restricted to the qualified man without some protest and some disturbance. Fortunately for the success of the scheme, chemists in England and in most parts of Wales are so well distributed that there can be little hardship to members of the public who may be unable to procure C.F. articles from the general shops from which they once obtained them. I believe that one of the outcomes of the scheme has been, and will be to a greater extent in the future, the opening of branch pharmacies in outlying places.

I Cannot Agree

with all that "Pre-war Minor" writes upon the cost of qualifications (p. 475). That in total fees it costs more to qualify than it once did there can be no doubt; but the pupil gets over his training and examination more quickly than in the old days and, in addition, he does not pay the big premium once common and gets from the start a more generous "wage." An apprenticeship of five years was once usual; three years is now the average. A premium of £100 was formerly paid; I believe that such a sum is rarely suggested to-day. Opportunities for gaining knowledge are common in these days; the growth of evening classes in big centres has been phenomenal. When I was an apprentice such facilities were unknown, and much of my practical work in chemistry was done in my bedroom, to the disgust of the family. I entirely agree with "Pre-war Minor" regarding the poor wages paid to the qualified and to the unqualified, although, frankly, I cannot see how much more can be offered unless higher prices are obtained by the pharmacist from his customers; the only hope of the assistant and manager in this direction must be based upon greater profit margins, and these are not generally forthcoming at present.

Legal Reports

Explosives Sold to a Child.—At Birmingham Police Court, on October 21, W. H. Wilkins, Ltd., chemists, Thornbridge Avenue, Beeches Estate, and Mr. Charles L. Highfield, chemist and druggist, manager of the shop, were each fined 10s. for having sold explosives to a child under the age of thirteen.

Hearing of Pharmacy Act Case Adjourned.—At Thames Police Court, London, on October 27, Lasfid, Ltd., chemists, Salmon Lane, E.14, were summoned for various alleged offences under the Pharmacy and Poisons Act, 1933. When the case was called, a man who stated that he was a director of the defendant company appeared. The magistrate informed him that a limited company could only appear by a solicitor or counsel. The man said he would prefer to be legally represented, and the case was adjourned to November 5.

Pharmacist not an Authorised Seller.—At West London Police Court, on October 28, Mr. Henry John Davies, chemist and druggist, Goldhawk Road, W.12, was summoned for, not being an authorised seller of poisons, selling or causing to be sold by retail, strychnine, contained in a substance or preparation known as Easton's tablets; for selling a poison on premises not registered under the Pharmacy and Poisons Act, 1933; and for selling a poison not labelled with the name of the seller and the address of the premises on which it was sold. Mr. Castle, who prosecuted, said the defendant was a registered pharmacist carrying on a drug store. The summonses related to the sale of tablets containing a small proportion of strychnine. It was not suggested that it was a serious matter, but the defendant had not registered as a seller of poisons and the container was not labelled. Mr. Newsome-Taylor, for the defendant, said it was purely a matter of inadvertence. He secured some of these tablets for a customer and put them on a shelf, forgetting to label them. He had been a pharmacist for over forty years, but was out of business for ten months until he bought this shop, and consequently got out of touch with the new rules, although he had his old certificate, which he displayed in his shop. As soon as he learned of the requirements he applied for registration, which was granted. The summonses were dismissed on payment of £3 3s. costs.

Illegal Use of the Word "Pharmacy."—At Lambeth Police Court, London, on October 26, the Pharmaceutical Society of Great Britain summoned M. Sheldon, Market Road, Brixton, S.W., for "unlawfully using in connexion with a business carried on at 35 Market Road, Brixton, a title, emblem or description, namely 'pharmacy,' reasonably calculated to suggest that you or someone employed in the business possessed a qualification with respect to the selling, dispensing, or compounding of drugs, or poisons, other than the qualification which you or they possessed, contrary to Sec. 3 (2) of the Pharmacy and Poisons Act, 1933." Mr. A. C. Castle appeared for the Pharmaceutical Society, and Mr. Ricketts for the defendant, who pleaded "Guilty." Mr. Castle said the defendant carried on a business, but was not a qualified chemist. The shop was in the course of being rebuilt. The Magistrate: Then he is not entitled to use the word "pharmacy," as he is not a registered chemist. Mr. Castle: I should like to say that all the words have been removed except the offending words. His only excuse can be that the place is being done up. I feel that I must ask for a penalty and £3 3s. costs, because of the number of letters that have been written on the subject. Here is a photograph of the premises. The defendant objected to the photograph. The place, he said, was under construction, and he did not think there was any hurry. A fine of 10s., with £3 3s. costs, was imposed.

"Bacon Wash."—At Stockport Borough Sessions, on October 19, Bacterol, Ltd., Strand, London, W.C.2, were summoned for having sold to Mr. Arthur Harding, chemist and druggist, Hemphshaw Lane, Stockport, three bottles of a "bacon wash" bearing a label in terms likely to lead to its being used as a preservative of food. It was stated for the prosecution that Mr. Harding was asked by a customer for a substance known as Bacterol Bacon Wash, and after obtaining the article he analysed it and found that it was a solution of formaldehyde. He communicated with the Corporation health department.

The bottles containing the liquid bore labels describing the preparation as a hygienic cleansing wash or spray for bacon, fish, etc. The statement followed: "Flies won't touch it. It is simply a wash, not a preservative." The assistant town clerk said it was impossible not to use this substance on bacon as directed without it being a preservative; and he suggested that the article was manufactured and sold for the purpose of being used as a preservative. Mr. T. R. Hodgson, public analyst, said that, used according to the instructions, the solution would form an insoluble compound with the protein of the bacon. Mr. Trustram, defending, altered his plea to one of "Guilty." He said there was 8 per cent. of formaldehyde in the solution, which was put on the market purely as a sideline. His clients were advised by a Dr. Mellhuish, who was a lecturer to many grocers' associations. He prepared a little booklet suggesting that the bacon wash should be used as the label described, and the defendants agreed to put it up. They had decided to discontinue the sale of the product in question. Actually, it was not worth their while keeping it on the market; it was put on purely as a disinfectant for cleaning bacon. The Bench imposed a fine of £5, with £4 14s. costs.

Appeal Dismissed.—At Southend Quarter Sessions, on October 23, the recorder heard an appeal by Mr. William Desmond Noble, Eastern Esplanade, against a conviction by the borough justices under Section 3 (2) of the Pharmacy and Poisons Act, 1933, for using in connexion with his business a title, emblem, or description reasonably calculated to suggest that he or someone employed in the business possessed a qualification with regard to the selling, dispensing or compounding of drugs or poisons other than that in fact possessed. The appellant had been fined £1, with costs (C. & D., September 19, p. 310). Mr. W. B. Frampton, supporting the conviction, said the appellant had no pharmaceutical qualification at all and was the proprietor of a drug store. Complaint was made of two boards which were exhibited over the shop showing the words "All chemists' supplies." The word "chemists'" was, as far as one could judge, in letters fourteen or sixteen inches deep, and could be seen by pedestrians coming along the street. "All" and "supplies" were in small letters. At forty yards' distance these words were just discernible; at fifty yards they could not be made out. If the words were in equally bold letters there would be no cause for complaint, but in the circumstances the notice was reasonably calculated to lead anyone to suppose that someone in the business had the chemists' qualification. Miss Marjorie Marrable, an inspector of the Pharmaceutical Society, gave evidence regarding the boards in question. Mr. G. Pollock, for the appellant, said he did not propose to call any evidence. It was a little startling to find the suggestion made that if a person exhibited outside his shop a board bearing the words "all chemists' supplies" that person was committing the offence under the Pharmacy Act of holding himself out to be a person who was, in fact, a qualified chemist. Any person could sell chemists' supplies, provided it was not one of the matters dealt with in the Schedules, which could only be sold by a registered and qualified person. How could it possibly be said that the words "all chemists' supplies," no matter how small "all" and "supplies" were, suggested that the person inside the shop had qualifications? The apostrophe was important. The Act stipulated that "pharmacy" should not be used; by inference therefore it must be said that there was no such prohibition on the "chemist" or "chemists." How could these boards come under the ordinary definition of an emblem? If this was an emblem, it did not hold out that the man was a chemist. The recorder said he had no hesitation in saying that the conviction in the court below was right and that this was clearly a breach of the Act. He therefore dismissed the appeal, with costs. Mr. Frampton said that the appellant was liable to a penalty for every day the boards remained, and it would therefore be in his own interests to take them down.

MASS PRESCRIBING.—"By habitually prescribing fixed formulas, the physician never acquires the sense of proportion that should enable him to fit the remedy properly to the case."—"The Journal of the American Medical Association."

New Companies and Company News

P.C. means Private Company and R.O. Registered Office

TURNER MAUSDEN & Co., LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturing chemists, manufacturers of cosmetics, etc. R.O.: 65 High Street, Staines, Middlesex.

H. G. BAIRSTOW (SWINTON), LTD. (P.C.).—Capital £100. Objects: To acquire the business of a chemist and druggist carried on by H. G. Bairstow. R.O.: 222 Manchester Road, Swinton, Manchester.

R. BUTTERWORTH (KINGSWAY), LTD. (P.C.).—Capital £600. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. R.O.: 19 Brazenose Street, Manchester.

SESAME CHEMICALS, LTD. (P.C.).—Registered in Edinburgh. Capital £2,000. Objects: To carry on the business of manufacturers and dealers in toilet preparations of all kinds, etc. R.O.: 55 West Regent Street, Glasgow.

PHARMAX, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists and manufacturers of general pharmaceutical products, perfumes, creams and lotions, etc. The first directors are not named. Solicitors: Warren & Warren, 31 Bedford Row, W.C.1.

CARNEGIE CHEMICALS (WELWYN), LTD. (P.C.).—Capital £5,000. Objects: To carry on the business of manufacturing chemists, etc. The directors are: Robt. B. Carnegie, Highfield, Seasalter, Kent; Angus W. J. Carnegie, Digswell Road, Welwyn Garden City; David M. B. Carnegie, Altimore Road, Welwyn Garden City. R.O.: 14 Tewin Road, Welwyn Garden City, Herts.

PENETRATE, LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of manufacturers of and dealers in all kinds of disinfectants and medicines, chemical and pharmaceutical preparations and drugs, etc. Erich Haase (managing director), 237 Willesden Lane, N.W.2. R.O.: 61 Knight-rider Street, E.C.4.

TIMOTHYS CHEMISTS & HOUSEHOLD STORES, LTD. (P.C.).—Capital £100. Objects: To carry on the business of wholesale, manufacturing or retail chemists, druggists, etc. The directors are: Arthur J. Espley, Swanmore House, Swanmore, Hants; Arthur Wilson, 452 Upper Richmond Road, S.W. (both directors of Timothy Whites & Taylors, Ltd.). R.O.: Allen House, 70 Vauxhall Bridge Road, S.W.1.

PROTOL PRODUCTS, LTD. (P.C.).—Capital £3,500. Objects: To acquire the business now or recently carried on by Kenneth W. Walker and Corbett J. C. Lee at 53-55 Surrey Street, Norwich, as Protol Products, including the registered trade mark Protol Stain Remover, and to carry on the business of manufacturers and importers of all kinds of chemical products, toilet preparations and strain removers, etc. R.O.: Chantry, Theatre Street, Norwich.

PEARSON'S CHEMISTS Co., LTD.—At a meeting held in London recently it was resolved that this company be wound up voluntarily. Mr. R. W. Metcalfe, 2 Basinghall Avenue, London, E.C.2, was appointed liquidator.

ENO PROPRIETARIES, LTD.—Interim dividend on the ordinary shares of 5 per cent., payable on November 28. The total distribution for 1935 was 13 per cent., interim dividends of 4 per cent. each being paid in May and December, and a final dividend of 5 per cent. in May 1936.

HOLMES' CASH DRUG STORES, LTD.—In connexion with the report in last week's issue (p. 458) we are advised that the creditors appointed Mr. Parkin S. Booth of the Association of Manufacturing Chemists, Ltd., to act as liquidator in the voluntary liquidation of this company.

GENATOSAN, LTD.—The nineteenth ordinary general meeting was held at Southern House, London, E.C. Sir Archibald Mitchelson, Bt. (the chairman), said the net profit for the year of £65,357, after providing for all trade charges, depreciation, directors' fees, taxation, and doubtful debts, was a very satisfactory one. Adding £13,441 brought in, we show a total available of £78,798. Deducting from this the full year's dividend on the pre-preference and preference shares and the interim distribution of 15 per cent. on the ordinary shares, there remains £50,478. We propose allocating £5,000 to general reserve—raising that fund to £30,000—£10,000 to writing down establishment expenditure on dental and other preparations, £20,000 to the payment of a final dividend of 20 per cent. on the ordinary shares, making 35 per cent. for the year, and carrying forward £15,478. We have a great asset in the goodwill and support of the medical and pharmaceutical professions. The report and accounts were unanimously adopted.

H. H. WARNER & Co., LTD.—A petition for confirmation of a reduction of the capital of this company from £22,583 to £5,645 15s. by writing off capital lost or unrepresented by available assets was granted by Mr. Justice Crossman in the Chancery Division on October 26. Mr. Reid, for the company, stated that it was proposed to write 22s. 6d. off each of the preference shares of 30s. reducing them to 7s. 6d. each, and 7s. 6d. off the ordinary shares of 10s. each reducing them to 2s. 6d. each. The company's American business came to a disastrous end and was sold for 2,000 dollars. That money was divided among the preference shareholders as they had not received any dividend for some years. It was not realised at the time that this involved a reduction of capital and was irregular, and it was now sought to put that right. Heavy losses had also been incurred in Australia and the company desired to reduce the balance sheet value of its assets to their real proportions. The amount being written off was less than the debit to profit and loss account.

Voluntary Liquidation

Pearson's Chemists Co., Ltd., 172 Buckingham Palace Road, London, S.W. The statutory meeting of the creditors was held recently when the statement of affairs showed ranking liabilities of £359 10s. 9d. The assets comprised: cash in hand and at bank £195 10s. 5d.; book debts £2 10s. 5d.; stock £69 17s., valued at £10; and fixtures, fittings, etc., £60, making a total of £267 0s. 10d. The company was registered in March, 1934, when it acquired a lease of premises at the above address at an exclusive rental of £200, rising to £375 per annum. During the year to March 1936, the turnover was only £1,066. The company also negotiated for the lease of premises at Camberley at an exclusive rental of £195 per annum, but it was understood that no trading was done there and the premises were now empty. A resolution was passed confirming the voluntary liquidation of the company with Mr. R. W. Metcalfe, C.A., 2 Basinghall Avenue, London, E.C., as liquidator.

Bankruptcy Report

Re George Rowe, "The Kraal," Dittisham, Devonshire, lately carrying on business at 140 Union Street, Torquay, as a photographic materials dealer. This debtor filed his own petition recently, and, according to the statement of affairs which he has prepared, there are ranking liabilities of £1,758 1s. 7d. and net assets of £347 1s. 6d., or a deficiency of £1,411 0s. 1d. He acquired a lease of a lock-up shop at 140B Union Street, Torquay. He had only a small capital and stocked and fitted the shop on credit with photographic materials and toilet requisites and commenced business in July 1934. In May 1935 he agreed with another to establish and carry on together a photographic studio. That partnership terminated on September 19 this year, and accounts submitted show that the business done was very small. He states that he realised his position in October 1935.

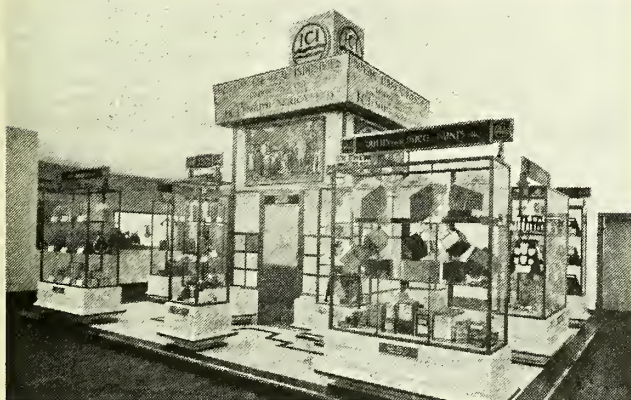
Johannesburg Empire Exhibition

ON September 15 the Empire Exhibition with which Johannesburg is commemorating its fiftieth birthday was opened in the Milner Park by the Governor-General of the Union of South Africa, Earl Clarendon, with spectacular ceremony, in the presence of some 20,000 people. The civic recognition took place on September 22, when a fortnight of carnival, for which the city had voted £27,000, was begun. The attendances at the Exhibition have so far run to nearly 100,000 a week, and the promoters confidently expect that before it closes 2,000,000 people will have passed through the turnstiles. Visitors are surprised at the huge scale on which the Exhibition has been conceived. The cost is estimated at about £1,000,000, including the cost of laying out the site and building. The Exhibition, which has assumed the proportions of a national event, has a real value as an advertisement, and affords excellent opportunities for overseas exhibitors to see what they can buy as well as what they can sell, while the publicity afforded should give a permanent stimulus to the Union's tourist trade.

Compact, and laid out with mathematical precision, the Exhibition can be viewed in its externals in less than an hour

at the southern end of Milner Park there lies the wide green expanse of the arena with the great open-air stage where daily performances are given.

On the eastern and western extremities of the ground lie individual exhibits, such as those of Port Elizabeth, Durban, South African industries, mines and textiles, conference halls. In one's travels it is not difficult to find Lancashire's fine exhibit of textiles. Scotland's exhibits include a veritable wall of tartans representative of the most notable clans, flanked by an array of tweeds specially manufactured for the tropics. In fact it was easy to find exhibits of all kinds of things except such as come under the heading of chemicals, toilet requisites and perfumery. There was a small pharmacy where the products of Yardley & Co., Ltd., could be purchased and also an assortment of drugs, but this was not an "exhibit." The stand, a photograph of which is reproduced here, needs no description, and is about the only representative exhibit in the "Toilet Articles, Light Chemicals, etc.," section. However, the K.M.V. Co., though mostly concerned with the production of wine and grape juice, shows eau de Cologne and lavender water in ornate glass containers; and the De Beers Explosives Works produces Glauber's salt, weed-killers, etc.



[Photo]

AT THE JOHANNESBURG EXHIBITION

[Daly]

without the need of retracing one's footsteps. From the main northern entrance in Empire Road the visitor steps into Prosperity Avenue leading straight up the hill. On the left of Prosperity Avenue the visitor's attention is taken by the Western Province industry exhibits and the replicas of old Cape homesteads. On the right stands a great building housing the realistic model of the Victoria Falls, requiring 2,000 gallons of water a minute to produce the right effect. Further to the right contact is made with primitive Africa in the shape of Bushmen carrying on their ancient industries, including iron smelting, in a special camp. Further to the left of Prosperity Avenue is the L-shaped building where the Dominions of Canada, Australia and New Zealand, and also Ceylon, tell their story in exhibits and pictures. Above lies the United Kingdom pavilion, whose spherically shaped structure towers into the sky. At the left top end of Prosperity Avenue the massive £50,000 Union Government building spreads its bulk in a modernistic structure. Turning right, Iscor House is passed, where the young steel industry shows its growing strength. The rock garden is reached and furnishes the best view of the Exhibition. Below lies the amphitheatre where open-air plays, variety and musical entertainments can be witnessed by 10,000 people. Behind it, a great grey structure of the realistic model of the Elliptical Temple of the Zimbabwe Ruins rises easily into the sky, and on the left there rises the 70-ft. Golden Tower—representing the £230,000,000 worth of gold won by the mines of the Rand in the last three years. Valuable diamonds are closely guarded by secret rays and hidden watchers. Turning round, the visitor passes the model restaurant, the ball-room, the ice rink, and, following the main thoroughfare, the art and printing section on the right and the machinery pavilions. Immediately above the machinery section

New Books

Wallis, T. E.—*Practical Pharmacognosy*. 5½ in. × 9 in. Pp. 226. 12s. 6d. J. & A. Churchill, 104 Gloucester Place, Portman Square, London, W.1. Third edition. [Mr. Wallis's standard work has been revised in the light of modifications in regard to examination syllabuses. New matter includes a suggestion for the practical study of habitats, which is added as a result of successful experience with the method. There are two entirely new sections—Quantitative Analysis and The Examination of Powders.]

Heilbron, I. M.—*Dictionary of Organic Compounds*. 8 in. × 10½ in. Pp. 846. £6 6s. Eyre & Spottiswoode (Publishers), Ltd., 6 Great New Street, London, E.C.4. [Volume II of this monumental work (Vol. I of which was reviewed in the *C. & D.*, II, 522, 1934) has been recently published, and contains references to the principal carbon compounds and their derivatives from ecaine to myrtillin chloride. The authors have given additional attention to compounds known to be of interest to biochemists. The editors announce that the work will be completed in 1937.]

Balme, Harold.—*The Relief of Pain*. 5½ in. × 8½ in. Pp. 392. 12s. 6d. J. & A. Churchill, Ltd., 104 Gloucester Place, London, W.1. [Described as a handbook of modern analgesia, the work is essentially of value to medical practitioners in arriving at a correct interpretation of the significance of pain. There are four parts, as follows:—The problem of pain; general and systematic pain; regional pain; therapeutics of analgesia, each part being subdivided in chapters, which are concluded by a series of references. Methods of treatment and formulas constitute an important part of the book. Incidentally, the dangers and difficulties attending hasty attempts to relieve pain are made obvious. A chapter is devoted to analgesic drugs, and an excellent general index is given. A foreword is written by Sir E. Farquhar Buzzard, Bt., president-elect of the British Medical Association, 1937.]

Modern Publicity, 1936-37. 11½ in. × 8 in. Pp. 128. 10s. 6d. (paper cover 7s. 6d.). The Studio, Ltd., 44 Leicester Square, London, W.C.2. [This volume, thirteenth in an annual series, is an album containing reproductions of posters, press advertisements, booklets, packages, letter-heads and signs, with a brief literary introduction at the commencement of each chapter. The illustrations are international in character, and the pages of excellent half-tone and line reproductions are enlivened by other pages in two or four colours. The basis of admission to this album is avowedly artistic. It may be significant that the drug trade is represented only by a press advertisement for Boots, Ltd.; a trade mark for Ex-Lax, Ltd.; a booklet for Bob Martin, Ltd.; and two series of containers; in addition, there are a few reproductions of cosmetic advertisements and containers.]

Government Chemist's Report

THE report of the Government Chemist on the work of the Government Laboratory for the year ended March 31, 1936, has been issued (price 9d.) by H.M. Stationery Office. The total number of samples examined during the year, including those dealt with at the six chemical stations, was 546,279, an increase of 23,491 over the previous year's number. It is stated that the incidence of new duties arising from import duties Orders, which either create additional duties, exemptions or drawback payments on certain classes of goods, tends to raise the number of samples submitted. With the adoption of fixed rates for articles of a stabilised composition, however, less sampling is needed in some classes. The number of samples examined for spirit duty is about 4,700 more than the number of spirit samples shown in the appendices, due to the examination of samples of composite goods classed under hydrocarbon oil duty; 4,500 composite samples were also examined for import duty. The growing use of duty-free spirits and industrial methylated spirit in the manufacture of a wide range of substances involves an increase in the consultative work of the Laboratory apart from the examination of samples to ascertain whether the conditions of use laid down by the Commissioners of Customs and Excise have been fulfilled. More than 4,400 papers were submitted in this branch of the work. Under the Sheep Scab Orders 147 samples of sheep dip were submitted, including seventeen which would not have satisfied the Ministry's requirements if they had been made according to the proposed formulas and used at the proposed dilutions. Under the Fertilisers and Feeding Stuffs Act three fertilisers, organic manure, garden fertiliser, and grass fertiliser, and nine feeding stuffs, biscuit and meat meal, ground oats, and wheat, two linseed cakes, grass nuts, and four ground oats, were examined. The organic manure was deficient in nitrogen, phosphoric acid, potash and organic matter, and the other two fertilisers were deficient in soluble phosphoric acid. The linseed cakes and the grass nuts contained castor seed. The remaining six feeding stuffs were all misdescribed, the biscuit and meat meal containing only 0.1 per cent. of meat and bone, the four ground oats containing, respectively, 12 per cent. of wheat, 15 per cent. of other cereal, 40 per cent. of wheat, and 50 per cent. of rye flour with 40 per cent. of oat husk. In connexion with the Regulations for the marking of agricultural produce, nineteen samples of malt extract and malt extract with cod-liver oil were examined. Five insecticidal preparations for spraying potatoes and thirty samples of lard were reported as being examined under the "Miscellaneous" section of the Ministry of Agriculture and Fisheries.

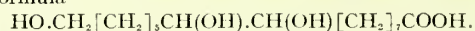
Customs and Excise Figures

The heading "Board of Customs and Excise" has, as usual, the subject of spirits as its principal item. Seven hundred and seventy-seven samples of wood naphtha, as well as other crude methyl alcohol and mineral naphtha, and 167 samples of pyridine and dyes intended for use in the manufacture of methylated spirits were examined. For the purpose of controlling methylated spirits or spirits other than methylated spirits used free of duty in connexion with manufacturing operations, 2,639 samples of special denaturants, specially denatured alcohol, recovered spirits, residues from stills and articles manufactured with industrial methylated spirits and duty-free spirits were examined. During the year 14,706 samples of medicinal spirits, tinctures, perfumes, dentifrices, etc., were examined as to their character and spirit strength in order to check the exporters' claims for drawback on the spirit used in their manufacture. In 171 cases the declared strength of the spirit was overstated. Samples of these articles were also tested for the presence of methylated spirits. The samples were also specially examined for non-dutied alcohols or other substitutes for duty-paid spirit; in no case was it found that drawback had been improperly claimed for such substitutes, although in one instance isopropyl alcohol was found to be present in addition to the declared proportion of spirit. In addition, 229 samples were examined for the pur-

pose of checking operations in bonded warehouses. Duty is charged on preparations containing alcohol with or without any other substance specified in the Customs Tariff—ether, chloroform, chloral hydrate, and certain ethyl derivatives—according to the quantity present in the preparations. The total number of samples examined for the dutiable substances mentioned was 8,042, including 4,663 also examined for hydrocarbon oils or sugar, or products liable to key industry duty, or for goods liable to general *ad valorem* duties and additional import duties. Other substances examined for the Board included imported colouring materials (fourteen samples), goods under the Import Duties Act and Ottawa Agreements Act of 1932 (23,932 samples), medicinal preparations (ninety-two samples), goods under the Safeguarding of Industries Act (9,669 samples), offal tobacco (55,850 samples), and denaturants for tobacco (317 samples). Anabasin, derived from *Anabasis aphylla*, a weed growing in Eastern Europe and Northern Africa, is now being produced on a commercial scale for use as a substitute for nicotine in insecticidal preparations. Methods have been devised in the Laboratory for its detection and for distinguishing it from nicotine, to which it has a close physical and chemical resemblance. Eleven samples of air were examined for the Medical Research Council in order to determine the proportion of dichlorobenzene they contained; and under the Food and Drugs (Adulteration) Act seventeen samples of food and one drug were examined, with the result that agreement with the prosecution was arrived at in thirteen cases and disagreement in the remaining five. The report concludes with a tribute to Sir Robert Robertson, and is followed by the usual appendices.

Chemistry of Shellac

NAGEL AND MERTENS ("Siemens und Halske's Berichte," 69, 1936) have definitely confirmed the constitution of aleuritic acid, the characteristic acid of pure shellac resin, which Nagel and his earlier collaborators had assigned to it. At an earlier stage it was believed that this acid was a dihydroxy-tridicyclic acid or a trihydroxy-palmitic acid. Nagel isolated as much as 30 per cent. of the acid from the pure resin and assigned to it the formula



Other workers proved quite recently that the positions of the two internal OH groups were those assigned to them by Nagel, but were unable to confirm the end position of the third OH group. Nagel and Mertens have now carried out the following experimental work, which has confirmed the position of the third OH group and thus established the complete accuracy of the original formula. Two grams of aleuritic acid were shaken with 50 c.c. of acetone and a few drops of sulphuric acid until solution was complete, and the acid neutralised with caustic potash solution. Oxidation, effected by 1.4 grams of potassium permanganate, resulted in the formation of an acetonated dicarboxylic acid. A yield of 75 per cent. was obtained, which melted at 125°-127°, was crystalline, formed a well-defined magnesium salt and a dimethyl ester. Acetylation gave theoretically accurate results for the presence of two OH groups, and the formation of the dicarboxylic acid settled the position of the third OH group in the molecule of aleuritic acid.

CURE BY COLOUR.—According to Dr. H. Riley Spitler, of Eaton, Ohio, U.S.A., blue or violet light stops headaches; red light increases blood pressure and stops dizziness; yellow-green or blue-green light relieves stomach trouble; and blue relieves "the blues."—Reuter.

THE first instalment of Vol. 2 of "The Magazine of Howards of Ilford," a copy of which has reached us, comprises a generous selection of news items and reminiscences, some of which are of more than local interest, especially those relating to the early history of Messrs. Howards & Sons.

Landlord and Tenant Act Problems

III—Improvements to the Premises

By a Barrister

UNDER the Act a tenant is entitled in certain circumstances to execute improvements to the premises, even against the wishes of his landlord. Two courses are available to him for this purpose. He may either follow the specific procedure contained in Sec. 3 of the Act, and thereby place himself in the position of claiming compensation for those improvements at the termination of his tenancy; or, particularly in those cases where the works contemplated do not constitute "improvements" for the special purposes of Sec. 1 and Sec. 3 of the Act, he may avail himself of the advantages afforded by Sec. 19 (2), which is of general application and not limited to trading tenants, though, if he adopts the latter course, he will preclude himself from claiming compensation subsequently.

When taking a lease of premises which are perhaps old and require modernising, the tenant should be on guard against this possibility. The landlord might suggest either that the tenant should undertake to modernise the premises before the lease is executed, or that he should covenant to do so in the lease itself. The tenant should emphatically reject any such proposition, since he will never be able to recover any compensation for his expenditure afterwards. The tenant should wait until after the lease has been granted, and he should then execute the improvements he desires by following the strict procedure under Part I of the Act. In this way alone will he be able to claim compensation subsequently.

Another word of warning in this connexion is again necessary. Every lease will contain a covenant restraining the tenant from executing improvements, alterations, etc., without the licence and consent of the lessor. It is not unusual to find a tenant accordingly, when he is minded to execute any improvements, applying to the landlord for his licence under the covenant. This is exactly what the tenant must not do. If he does so apply to the landlord and the landlord gives his consent, and the work is thereupon done, the tenant will lose his right to compensation, for he will not have followed the strict procedure required for the purpose by Part I of the Landlord and Tenant Act.

The Nature of the Improvements

Let us now examine the type of improvement for which this procedure under Part I of the Act is appropriate, and for which compensation may be recovered subsequently. At the outset let it be said that the erection of tenant's fixtures, such as shelves, counters, and the like, is not a matter for compensation. An "improvement" which is compensable, and in respect of which alone the special procedure of Part I of the Act may be adopted, must comply with the following requirements:—

(1) It must add to the letting value of the premises as a whole at the termination of the tenancy.

(2) It must have been executed by the tenant himself or his predecessors in title, such as assignors or superior lessors.

(3) It must be reasonable and suitable to the character of the premises.

(4) It must not diminish the value of any other property belonging to the landlord or to any superior landlord.

(5) It must not amount to a reconstruction of the premises.

The most common instance of an improvement met with in practice is the erection of a new shop front, or the modernising of a shop interior, though such small matters as the installation of electricity, or a hot water system or modern sanitation would likewise constitute an improvement. Assuming that the work proposed by the tenant complies with the above requirements and constitutes an improvement, the tenant must carefully observe the following procedure in order to entitle himself to claim compensation subsequently.

He must serve the landlord with a notice of his intention to execute the improvements, and this notice must be accompanied with all necessary detailed plans and specifications. An expert surveyor or builder should be engaged for this purpose, and he should be warned by the tenant not to include any

works which clearly would not be improvements, since otherwise, although the tenant's scheme may be sanctioned in substance, he may be ordered to pay his own costs for having asked for too much! The tenant must mark time after taking this initial step, for the landlord is entitled to three months' notice within which to make up his mind as to his course.

He may, of course, signify his approval, or, on the other hand, he may dissent, in which case the matter will have to be taken before the tribunal for determination. But the landlord may adopt an alternative course; he may offer to execute the improvements at his own cost in return for an increased rent. The tenant in such a case must accept the landlord's offer, though he need not agree to the amount of the increase claimed. In that event the tribunal will determine what should be the proper amount of the increase. But assuming that the landlord does not make any such offer, and the tenant becomes entitled to execute the improvements either because the landlord has assented thereto or the Court has determined the matter in the tenant's favour, what is the next step?

The tenant must execute the improvements strictly according to the approved specifications and plans and strictly within the time sanctioned; and having done so, he should not omit to take the necessary step of applying to the landlord for a certificate that the improvements have been duly executed. If the landlord refuses to give such a certificate, the tenant should make an application to the Court. This certificate is a very important document, and should be carefully preserved.

Claim for Compensation

We will now pass to a consideration of the second stage in the matter, the claim for compensation for the improvements, which perhaps will only be after a long interval of time. As the term granted by the lease is drawing to a close, the tenant must consider the question of compensation. For this purpose he must serve the landlord with a notice claiming compensation for the improvements. This notice must specify, *inter alia*, the particular improvements and the amount of compensation claimed. The time for the service of this notice is a very important matter, since once the last date up to which the notice may be served is allowed to pass by, no subsequent notice will be of any avail, and the tenant's right to compensation will be lost. This notice of claim must be served within not more than thirty-six nor less than twelve months before the termination of the tenancy; but if the tenancy is one which does not expire automatically, but has been determined by a notice to quit, the notice claiming compensation must be served within one month after the service of the notice to quit. Within two months of the service of the notice of claim on him, the landlord may offer to renew the tenancy. The tenant must accept the offer, if it is properly made, but he need not agree to the rent demanded or the length of the term proposed for the new tenancy. The tenant will otherwise be entitled to have the same terms in the new as were in the original lease. In default of agreement, the tribunal will decide what are to be the rent and the terms of the new tenancy.

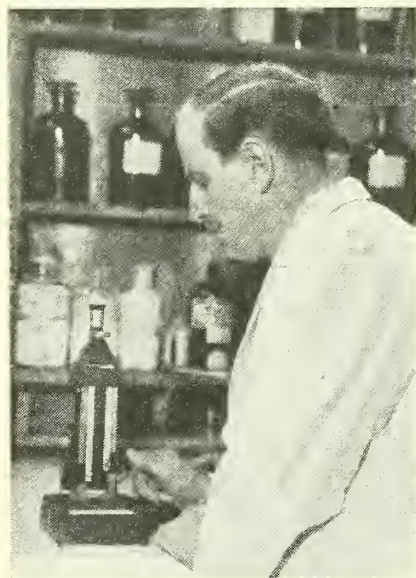
Assuming that such an offer is not made by the landlord, the tenant will proceed with his claim for compensation. It is to be observed, however, that the tenant may not institute proceedings in the courts for the recovery of the compensation until after the tenancy has determined and he has actually quitted possession of the premises. The compensation which the tenant will be entitled to recover for the improvements will be a sum not exceeding either (a) the net addition to the value of the premises as a whole, directly due to the improvements or (b) the sum that it would cost to execute the similar improvements at the end of the tenancy, less the cost of putting the works constituting the improvements into a reasonable state of repair, if they are in fact in a state of disrepair. This deduction, however, would not be made in a case where the tenant was under a liability to leave the premises, including the improvements, in a state of repair, and had either carried out the repairs or paid a sum to cover the dilapidations.

Marketing Pyrethrum

Mr. C. B. K. Argall, M.P.S., managing director of the Hill Pharmacy, Kobe, who contributed an illustrated article on "Japanese Pyrethrum, its history, uses and sales," in the C. & D., 1934, II., p. 750, has recently visited America, where he called on a number of firms specially interested in the pyrethrum business

ON his return to Japan, Mr. Argall gave an interesting address to representatives of firms in the locality in various phases of the pyrethrum business. Speaking in Japanese, Mr. Argall reviewed the fluctuations of prices over a term of years. He said that between 1921 and 1928 the lowest price was 350 yen per ton—reached in July 1926—and the highest 2,550 yen per ton. For the period 1929 to 1935 the lowest price was 470 yen in October 1931, and highest 1,650 yen in April 1934. For the whole of the period 1921 to 1935 the lowest price was 350 yen, the highest 2,550 yen, and the average 1,170 yen. Taking into consideration the increased

acreage in production, the improved methods of cultivation, and the greater facilities now enjoyed in marketing flowers, there can be no doubt that even the average price for the past fifteen years is higher than the present actual value of the flowers, said Mr. Argall. But it is equally certain that the present ruling prices are ridiculously low. Mr. Argall considered that a figure somewhere between 1,170 yen and the present market price, say, 500 yen or a little under, would both give the farmers an adequate return for their labour and expenses of living



MR. C. B. K. ARGALL, M.P.S.

and at the same time yield a good profit to the dealers. This year criticisms as to quality have been very severe. While many have had good cause to complain of the badness of certain parcels received, the chief complaint has been more in regard to the marked variations in quality than to its actual badness. For example, one firm placing an order for 50 tons of flowers during a certain month would find that while the first 25 tons was pretty well up to F.A.Q. standard, the second lot would be almost rubbish, though both would be made up of flowers purporting to come from the same districts and in approximately the same proportions. Sometimes different parts of the same shipment would vary considerably. Needless to say, this causes great dissatisfaction to the dealers.

Japanese and Dalmatian Competition

The success which followed Japan's establishing her export business in pyrethrum with America was due to the work of an American chemist, Mr. C. S. Gnadinger. Up to the time of his working out the details of his method of assay of pyrethrum, it had been an accepted fact that no flowers equalled Dalmatian. But Japan flowers, having been shown to contain some 50 to 100 per cent. more pyrethrins than did Dalmatian, practically ousted the latter from the market for some years. Three years ago, at the time of Mr. Argall's previous visit to America, Mr. Gnadinger showed him samples of Dalmatian flowers that tested well over 0.9 per cent. pyrethrins. Mr. Argall considered that Yugoslavia would soon be able to export quite large quantities of flowers that would compete with Japan's best. These flowers are now being produced in

such quantities that during the past year American buyers have been able to obtain large parcels of them, and they are very reliable in quality and appearance.

Kenya Pyrethrum

More recently another competitor in the pyrethrum trade has arisen. Kenya, East Africa, is now producing good flowers in increasingly large quantities, which are being offered at very attractive prices. Yugoslavia has even now almost, if not quite, recaptured her lost pyrethrum business. With the greatly increased demand in the world to-day, the comparatively small amount that Yugoslavia can produce may not greatly injure Japan's trade; and, moreover, it is doubtful if she can entirely meet the prices made possible by Japan's low labour costs. But that is not true of Kenya, where there are huge tracts of cheap land; the cheapest of labour; and a climate apparently perfectly suitable for pyrethrum growing. It is only a question of time and Kenya can produce pyrethrum in such quantities that the prices will be reduced to a level with which it will be difficult, if not impossible, for Japan to compete. In the very near future the competition of Kenya is going to be an extremely serious matter for Japan. Even during this past season it was quite easy to buy in the open market of New York 100 tons of Kenya flowers; and it was stated that they tested well over 0.9 per cent. and were excellent in appearance. A number of the big companies in America dealing in pyrethrum flowers strongly urged the establishment of an inspection and testing bureau. What they need there are reasonable guarantees that they will get what they pay for, and a greater uniformity in the quality of the flowers sent to them. Certain firms do not accept the Gnadinger test, but of these firms Mr. Argall did not know one that will not accept instead the Seil test.

Persian Liquorice

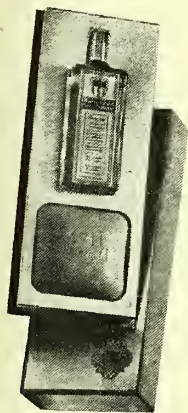
THE liquorice plant (*Glycyrrhiza glabra*) is a characteristic and common shrub in the Badghis and Khorassan in Persia, at altitudes of 2,000 ft., and occurs also in Iraq and Baluchistan. The annual shoots grow to four feet in length with enormous underground root stocks and divided into many horizontal runners. Some years ago it was suggested that the plant might be cultivated in the North-West Frontier Province, but the wild shrub is so extensive that the Indian demand is easily supplied by Persia and Sind. In some places it is so common that the root-stocks are sometimes used as fuel, and in other places where the root is manufactured into extract, the waste fibrous residue is made into paper. There are three kinds of extract made. The nomads, Arabs and Turkomans, prepare a coarse, black extract from the roots called Rubb-i-sus; this is sold in the bazaars for medicinal purposes. In the Persian bazaars the extract is sold in the form of little black sticks or pencils called Sat Malatthi. From Smyrna is exported block liquorice, which goes chiefly to America, where it is used for soaking tobacco leaves to give them the desired flavour for chewing. Throughout Asia liquorice root and its extract from time immemorial have been used for coughs and chest complaints, and as a flavouring agent in medicinal preparations.—X. Y. (20/10.)

U.S. ARMY PHARMACISTS' EXAMINATION.—The United States War Department has announced an examination to qualify for appointment as second lieutenant in the Medical Administrative Corps. Pharmacists eligible must be male citizens of the United States aged between twenty-one and thirty-two and graduates of recognised colleges of pharmacy. The examination covers the practice of pharmacy, pharmaceutical chemistry, pharmacognosy, pharmacology, bacteriology, hygiene and sanitation. In addition there are a physical and an oral examination.

Trade Notes

A NEW G. W. CARNRICK CO. product has recently been issued under the name of Hormotone "T." This product is issued in the form of tablets for oral administration and is packed in two sizes (20 and 40). Supplies are obtainable from Brooks & Warburton, Ltd., 232-240 Vauxhall Bridge Road, London, S.W.1.

RHINEGOLD EAU-DE-COLOGNE.—The R. J. Reuter Co., Ltd., Bedford Avenue, Slough, Bucks, have issued a handsome presentation casket of Rhinegold eau-de-Cologne and a tablet of soap in the same series. An illustration appears herewith.



CHRISTMAS GIFTS.—The Erasmic Co., Ltd., Warrington, advertised in last week's C. & D. the Erasmic Christmas caskets, which will no doubt recommend themselves as suitable gifts during the Christmas shopping period. A selection of the caskets was illustrated, and the full range numbers twenty-two. Details are available on application.—Escale perfume sprays and Marquise powder puffs were described in the same issue as ideal Christmas gifts. Price list and samples for home and export markets may be obtained either from Marcel Franck & Co. (London), Ltd., or La Houppé, Ltd., Bilton Road, Perivale, Greenford, Middlesex. For the convenience of visitors to London, there is a showroom at Clarendon House, 11-12 Clifford Street, New Bond Street, W.1.

BERTRAM'S DUAL-ACTION DENTURE PASTE.—A new display cut-out for Bertram's denture paste is available on application. This product is an efficient cleanser of dentures and is issued in tubes of two sizes. It is prepared by Gaskell, Ltd., 273-287 Regent Street, London, W.1.

KATHERINE HOWARD, LTD., 6 Bryanston Street, London, W.1, inform us that they have appointed Fassett & Johnson, Ltd., 89 Clerkenwell Road, as the sole selling agents for Great Britain of Katherine Howard's liquid eyelash grower and avocado wrinkle oil. Increased advertising will be undertaken in the appropriate press next month.

ELIXIR AMMONIUM MANDELATE.—This product has recently been issued by Evans Sons Lescher & Webb, Ltd., for the treatment of urinary infections. It is pleasantly flavoured and contains the equivalent of 45 grains of mandelic acid in each tablespoonful. Ammonium mandelate has come into prominence in view of the fact that disadvantages of large doses of ammonium chloride are obviated. Bottles of 8 to 40 fl. oz. are available. A medical leaflet is issued which gives further information.—Messrs. Evans inform us that discounts to hospitals and pharmacies on Heprona have been increased.

MICKY MOUSE MERCHANDISE BOOK.—We have received from Walt Disney Mickey Mouse, Ltd., an advance copy of their book for 1936-37. It is a striking production consisting of fifty pages printed in coloured photogravure. The book measures 8 in. by 11 in., and is bound in black Bexoid, the back cover being in heavy flock paper. We are informed that there are sixty-five British manufacturers in various trades who have linked up with the famous screen characters originated by Walt Disney. Of special interest are the display pages of products made by the following firms: Addis, Ltd. (toothbrushes and nailbrushes); Cascelloid, Ltd. (floating soap holders); J. C. & J. Field, Ltd. (soap modelled in the shape of the various Disney characters); and S. Maw, Son & Sons, Ltd. (toothbrushes and holders, washing squares, hot-water bottles, nailbrushes, etc.). Supplies are strictly limited, but a copy may be obtained on application to Mr. George Kamen, Walt Disney Mickey Mouse, Ltd., 62 Shaftesbury Avenue, London, W.1.

IODINE LOCKETS.—The Simpson iodine locket is issued in display boxes of twelve. Details are given on p. 1 of cover in this issue. Further particulars are obtainable from J. W. Simpson (Chemist), Ltd., Aldwych House, Aldwych, London, W.C.2.

NIVEA CREAM.—Beiersdorf, Ltd., Bessemer Road, Welwyn Garden City, Herts, send us specimens of two colourful showcards carrying Nivea cream announcements. One showcard measures 11½ in. by 15 in., and the smaller size for shelf or counter display measures 5½ in. by 4 in.

ZENOBIA, LTD., Loughborough, have sent us a copy of their Christmas list, which contains a full range of their Zenobia products. In addition to the perfumes themselves, details of the gift caskets, pot-pourri jars, handkerchiefs and greetings sachets are included. Messrs. Zenobia inform us that the Gardenia series of perfumes is especially popular at the present time.

CYSTOPURIN.—Genatosan, Ltd., Loughborough, are advising the trade that three new sizes are now available: 12, 40 and 80 respectively. In addition a dispensing pack of 80 tablets is also available. The supply of the present pack of 20 tablets ceased on October 12, but as circularising does not commence until November 16 the trade have an opportunity of disposing of their present stocks before the new sizes are advertised.

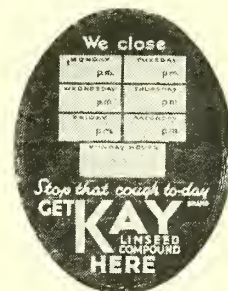
GLAXO PRODUCTS.—Reduced prices come into force on November 2 in regard to Farex, the reinforced cereal food issued by Glaxo Laboratories. An introductory size has also been issued. Ostocalcium, which is described as the first calcium and vitamin D tablet to be marketed, has also been reduced in price. Bonus parcels for one month beginning November 2 are offered on three special parcels of these products. Full details are given in our advertisement pages.

VEGEMUCIN.—H. R. Napp, Ltd., 3 and 4 Clement's Inn, London, W.C.2, announce the introduction of a new preparation described as Vegemucin. This product was demonstrated at the London Medical Exhibition and is issued in tins of three sizes: 4, 8 and 16 oz. Vegemucin is described as an antacid and consists of vegetable mucins containing no alkalis. It is indicated in hyperacidity, heartburn and gastric and duodenal ulcers. It is claimed that Vegemucin is superior to alkalis which are said to be merely palliative in effect, whereas the mucins act by adsorbing and neutralising by physical action excessive acid gastric secretions. We are informed that Vegemucin is pleasantly flavoured with chocolate. A leaflet describing this product may be obtained on application.

DISPLAY SIGN.—Illustrated herewith is a facsimile wood display sign issued by Kay Bros., Ltd., St. Petersburg, Stockport. A gummed slip label bearing the necessary figures for insertion in the spaces indicated on the showcard is issued as an accessory item. Messrs. Kay Bros. inform us they will send one showcard free to chemists on application.

PANOPSIN is the name given to a product recently introduced by Endocrines-Spicer, Ltd., Watford, Herts. It is described as a powerful digestant and contains the three pancreatic enzymes, amyllopsin, trypsin and lipase, which digest starch, protein and fat respectively. It is indicated in malnutrition as well as cases in which faulty nutrition is an outstanding feature. A brochure giving details is available.

THROAT AND CHEST PRODUCTS.—Sherwood Confectionery Co., Forest Works, Worksop, are directing attention to Sir Nynes throat and chest winter pastilles. They are packed in tins of two sizes or sold from bulk. A display box in colour is offered for counter or window show.

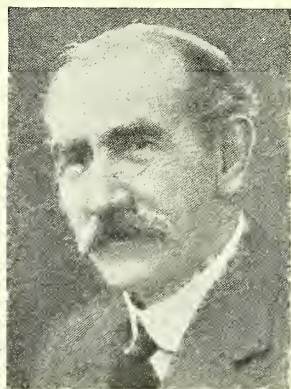


Personalities

Mr. C. W. COX, of the representative staff of National Drug Industries, Ltd., London, E.1, has removed to 48 Horn Park Lane, Lee, S.E.12.

Mr. E. A. ONYON, M.P.S., Eye, is mayor-elect of the town. This will be his fifth term of office, the previous occasions being in 1922, 1923, 1933 and 1934.

ALDERMAN F. G. FOSTER, J.P., Portsmouth, who is a pharmacist and dentist, celebrated his silver jubilee as an



ALDERMAN F. G. FOSTER

alderman this week. Alderman Foster has been a member of the Portsmouth City Council for forty-four years. He was Mayor of Portsmouth in 1907 and again in 1922, and was made Lord Mayor in 1931. He has served on the Commission on Peace since 1915, and appreciation of his services was further shown by his colleagues when he was made a freeman of the borough (before Portsmouth was raised to the dignity of a City) in 1924. Hearty congratulations were extended to Alderman Foster on his long record of public service and his aldermanic silver jubilee by the Lord Mayor when the City Council held its final meeting of the closing municipal year on October 27.

Mr. H. R. METCALF, Ph.C., Newbury, has been elected an alderman of the borough. Alderman Metcalf has served on the Town Council for sixteen years.

Mr. H. E. WELTON, Northern representative of Solport Brothers, Ltd., London, E.C.1, has recently moved his home address to 7 Sulby Grove, Bare, Morecambe.

Mr. THOS. ARMSTRONG, M.P.S., manager of Eli Lilly & Co., Ltd., sailed in the "Queen Mary" on October 28, on a visit to the parent company in Indianapolis, U.S.A.

COUNCILLOR E. J. GIBSON, deputy dispenser at St. Olave's Hospital, London, S.E.16, and chairman of the public health committee of the Bermondsey Borough Council, is Mayor-elect of the borough for the coming year.

Mr. A. R. G. CHAMINGS, B.Pharm., Ph.C., head of the Department of Pharmacy, Leicester College of Technology, recently gave an informative address on "Drugs in Everyday Life" before the Hinckley Rotary Club.

AMONG members of borough councils returned unopposed are Mr. Ernest Hartmann Smith, Gosport, Mr. Lewis Edwin Thomas, Wallasey, and Mr. Arthur Ernest Marlow, Wolverhampton, all of whom are pharmacists in business.

Mr. H. T. CHETLE, M.P.S., Clevedon, who recently resigned from the Somerset Pharmaceutical Committee, on retiring from business, has been a member of that body since its inception. Mr. H. S. Hoyles, M.P.S., Wellington, has been co-opted to fill the vacancy.

Mr. ALEXANDER C. MACLEAN, founder of Macleans, Ltd., manufacturing chemists, Brentford, has given £10,000 to the Royal Victoria and West Hants Hospital, Bournemouth, £5,000 to the Letchworth Hospital, and £10,000 to the Hampstead General and North-West London Hospital.

At the October meeting of the Leverhulme Lodge, No. 4438, at the Lady Lever Art Gallery, Port Sunlight, and in the presence of several Grand and Provincial Grand Lodge Officers, Mr. F. A. Lawman was installed Master. W.Bro. Lawman was supported by W.Bro. Thomas Marns, president of the Pharmaceutical Society, and W.Bro. Victor H. Chatley, Master of the Isma Lodge.

Mr. A. R. MELHUISE, chairman of the Pharmaceutical Committee for the County of London and a past-president of the Pharmaceutical Society, was elected vice-chairman of the London Insurance Committee at the annual meeting on October 22. In proposing the resolution, Mr. James Skinner referred to the keen interest taken by Mr. Melhuish in the work of the Insurance Committee, particularly in the administration of medical benefit, and to his distinguished services on behalf of pharmacy.

Mr. H. E. WHITWELL, M.P.S., F.S.M.C., F.I.O., the new president of the Peterborough and District Chemists' Association, is a director of F. W. Whitwell, Ltd., chemists, Peterborough and Oundle. He commenced his pharmaceutical career with Messrs. F. W. Whitwell and J. S. Prior, Stamford. During the War he served in the R.A.M.C. and was commissioned to the Norfolk Regiment. After the War he passed his "Minor" in 1921 and took the F.S.M.C. in 1928. Mr. Whitwell is a keen supporter of the Chemists' Friends scheme.

Mr. A. E. BREAKSPEAR, M.P.S., Maidenhead, the newly elected chairman of the Reading and District Branch of the Pharmaceutical Society, was educated at the City of Oxford School and apprenticed to Mr. T. J. Burbank, chemist and druggist, Oxford. After studying at the South of England College of Pharmacy, Mr. Breakspear qualified in 1908. He then enlarged his experience at the dispensary in Guy's Hospital and in the West End of London. Mr. Breakspear is a prominent Rotarian, and in the Masonic world is P.M. of Ellington Lodge (1566) and a junior officer of Ellington Chapter.

Mr. W. H. THOMAS, who has been elected to the board of Scott & Bowne, Ltd., Stonecutter Street, London, E.C.4, has

a wide experience of the merchandising side of the pharmaceutical and cosmetic trades, which he entered in 1911. After the War Mr. Thomas joined the R. J. Reuter Co., Ltd., as a special representative. In 1926 he decided to start his own business and opened in Union Street, S.E.1, as an importer. Many of his friends will remember the organisation of a competition which resulted in sixty lady purchasers winning a four-day trip to the Rhineland country. In 1931 Mr. Thomas joined Scott & Bowne, Ltd., and he has been associated with the merchandising of the new "Halivite" and malt and oil lines which have recently been introduced by them. He has also been intimately concerned with the development of the agency business for which Scott & Bowne, Ltd., are earning a well-merited reputation. As a young man Mr. Thomas was known as a first-class amateur boxer; to-day he is a trout fisherman of international repute.



Mr. W. H. THOMAS

Recent Wills

Mr. CHARLES SIMPSON, chemist and druggist, Desswood Place, Aberdeen, left estate valued £70,742.

Mr. TOM EDGAR WEST, 170 Skipton Road, Keighley, Yorks, chemist and druggist, who died on August 1 last, aged fifty-four, left estate gross value £1,523, with net personalty £1,307.

Mr. ALEXANDER TURNER, Glensorrel, Albert Road, Maxwelltown, Dumfries, chemist, a member of the Town Council and Provost, 1913-15, who died on April 19 last, left personal estate in Great Britain valued at £5,952.

Marriages

JENKINS—DOBBS.—At St. Michael's Church, Bounds Green, London, N., on October 17, John Ronald Jenkins, chemist and druggist, Swansea, to Doreen A. Dobbs.

THOMPSON—CROWTHER.—At Longwood Methodist Church, Huddersfield, on October 8, Clifford Thompson, M.P.S., to Jessie Crowther.

WALKER—SMITH.—At the Presbyterian Church, Whitby, on October 19, Stanley Walker, chemist and druggist, youngest son of Mr. William Walker, to Florence Smith, all of Whitby.

Deaths

CHEERS.—At Chester, on October 22, Mr. Samuel Cheers, chemist and druggist, a partner in the firm of Cheers & Hopley, 6 Northgate Street, aged sixty-eight. Mr. Cheers was knocked down by a motor van while crossing the road, and received injuries from which he died shortly afterwards in the Chester nursing home where he had been residing. He had only recently recovered from a fall. In partnership with Mr. J. H. Hopley he acquired, in 1891, the Chester business founded in 1817 by Mr. Lloyd, the history of which was published in *THE CHEMIST AND DRUGGIST*, 1914, II, 153.

DOUGLAS.—At Wakefield Hospital, on October 22, Miss Mary Margaret Douglas, chemist and druggist, aged twenty-three. Miss Douglas had recently taken a post at Wakefield.

DUNN.—Recently, Mr. George Marchant Dunn, chemist and druggist, 67 Park View Road, London, S.E.9, aged seventy-six.

DYE.—At 13 Coniger Road, Parson's Green, London, S.W.6, on October 22, suddenly, Mr. Charles Page Dye, M.P.S., aged seventy-seven. Mr. Dye passed the Qualifying examination in 1882.

HEATON.—At Ravenhurst, Queen's Park Road, Burnley, on October 23, Alderman John Appleyard Heaton, J.P., chemist and druggist, aged seventy-nine. Alderman Heaton was connected with a business in St. James's Street founded over 100 years ago by his grandfather, continued by his father, and later by his mother and himself. He had served as a guardian and councillor, but had refused the mayoralty of the borough. His chief hobby was fishing. Alderman Heaton is survived by a widow, two sons and two daughters.

HENN.—At St. Bartholomew's Hospital, London, E.C.1, on October 21, following an accident, Sir Sydney Herbert Holcroft Henn, K.B.E., aged seventy-four. Sir Sydney was a director of United Glass Bottle Manufacturers, Ltd., and other companies, and represented Blackburn in the House of Commons for several years.

HUGHES.—At Cowes, on September 28, Mr. John Collinson Hughes, chemist and druggist, aged thirty-three.

HURST.—On October 22, suddenly, Mr. Samuel John Hurst, chemist and druggist, a director of Hurst, Son & Page, Ltd., chemists, 26 Market Place, Boston, aged seventy-two.

HUTCHINSON.—At 187 Town Street, Armley, Leeds, 12, recently, Mr. Walter Hutchinson, chemist and druggist, aged fifty-eight.

JONES.—Recently, Mr. David Richard Jones, chemist and druggist, 70 Lee Road, Blackheath, London, S.E.3, aged sixty-one.

MACNAUGHTON.—At 21 Bridgend, Aberfeldy, Perthshire, on October 20, Mr. Henry Brougham Macnaughton, chemist and druggist. Mr. Macnaughton qualified in 1881.

PREVELL.—Recently, Mr. William Prevell, chemist and druggist, 3 Two Ball Lounen, Newcastle-upon-Tyne. Mr. Prevell qualified in 1901.

ROUGHTON.—At Shepshed, on October 17, Mr. William Roughton, chemist and druggist, formerly in business at Coalville, Leicestershire, aged seventy-nine.

TWEEDIE.—On October 21, Mr. David Hennessey Tweedie, L.R.C.P.Edin., L.R.C.S.Edin., L.F.P.S.Glasg., L.P.S.I., 77 Antrim Road, Belfast. Dr. Tweedie was registered as a Licentiate of the Pharmaceutical Society of Ireland in 1876, and was for a time one of the Society's examiners. His medical practice, which was extensive, was carried on by him till last March, when he met with an accident.

Business Changes

YARDLEY & Co., chemists and opticians, have acquired the business of E. A. Alleston, Ltd., at 191 Ilford Lane, Ilford.

The distribution of Em-foods (the acquisition of which by George King & Co., Ltd., was announced in our issue of October 17) is to be entrusted to Mapleton's Nut Food Co., Ltd., Garston, Liverpool, 19.

Coming Events

This section is reserved for advanced notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, November 2

Society of Chemical Industry, Burlington House, Piccadilly, London, W.1, at 8 p.m. Dr. A. E. Dunstan on "The Manufacture of Chemical Products derived from the Petroleum Industry."

Tuesday, November 3

Thames Valley District Pharmacists' Association and Branch, Kingston Hotel, Kingston-on-Thames, 8.30 p.m. to 1 a.m. Buffet dance. Tickets 3s. each, including refreshments, from social secretary.

Pharmaceutical Society, Birmingham and District Branch, Imperial Hotel, Birmingham, at 8.30 p.m. Dr. E. G. Bryant, Ph.C., on "Zoology in Relation to Pharmacy."

Wimbledon and District Pharmacists' Association, 44 Hill Road, Wimbledon, S.W.19, at 8.45 p.m. Business Meeting. Adoption of rules; discussion on formation of branches of Pharmaceutical Society and N.P.U.

Wednesday, November 4

National Pharmaceutical Union, Anglesey, North Carnarvonshire and Colwyn Bay Branch, Council Chamber, Town Hall, Llandudno, at 3 p.m. Mr. W. W. Atkinson (vice-chairman, N.P.U. Executive) on "Present-day Pharmaceutical Problems."

Pharmaceutical Society, Glasgow and South Western Scottish Branch, Gordon Restaurant, 19 Gordon Street, Glasgow, at 8 p.m. Dr. A. S. M. Macgregor (Medical Officer of Health, Glasgow) on "Glasgow Public Health Department."

Royal Society of Arts, John Street, Adelphi, London, W.C.2. Opening of Session. Address by Col. Sir A. Henry McMahon.

Thursday, November 5

Western (London) Pharmacists' Association and Branch. Visit to the Gramophone Co.'s factory at Hayes, Middlesex. Train leaves Paddington Station (G.W.R.), Platform 14, at 1.52 p.m.

Pharmaceutical Society, Harrow Branch, Gayton Rooms, Harrow, at 8.40 p.m. Lantern Lecture by Dr. J. Stanley White on "Hormones."

Manchester Pharmaceutical Association and Branch, Victoria Hotel, Manchester, at 8.30 p.m. Mr. J. H. Franklin on "The Labelling of Poisons under the new Poisons List and Rules." Illustrated with specially prepared labels.

North London Pharmaceutical Association and Branch, Manor House Hotel, Finsbury Park, at 7.30 p.m. Opening dance. Tickets, 2s. 6d. each.

Chemical Society, Burlington House, Piccadilly, London, W.1, at 8 p.m. Scientific meeting.

Friday, November 6

South-West London Chemists' Association and Branch, Balliam Club, Ltd., Ramsden Road, S.W.12, at 8.45 p.m. Mr. T. Marns on "The Work of the P.A.T.A."

Saturday, November 7

British Institute of Cinematography, Mayfair Hotel, Berkeley Street, London, W.1. Conference. *Institute of Amateur Film Cinematographers*. Banquet and exhibition of films.

EXHIBITIONS.—Brewers' and Allied Traders', Agricultural Hall, Islington, London, N.1, October 31 to November 6. "Sunday Times" Book, Dorland House, Regent Street, London, S.W.1, November 2 to 16. International Cycle and Motor Cycle, Olympia, Hammersmith, London, S.W.14, November 2 to 7.

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*"They shall grow not old, as
we that are left grow old :
Age shall not weary them,
nor the years condemn.
At the going down of the sun
and in the morning
We will remember them."*

We can best remember them
by offering the hand of friend-
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survived, so many thousands
of whom, because of sickness
or because they are growing
old, are today in dire need
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brushes |
| B/28. Freeman's live yeast | A/26. Pyricine |
| | E/26. Swift's hair dye |

THE CHEMIST AND DRUGGIST

VOL. CXXV.

October 31, 1936

NO. 2960

On the Meridian of Greenwich

THE broad conclusion to be drawn from the Greenwich inquest reported on p. 459 of our last week's issue is clear: Rule 12 of the Poisons Rules has failed to prevent the public from obtaining excessive quantities of the poisons included in the Fourth Schedule—or, to be more specific, has failed to prevent a patient from ordering supplies of soneryl *ad libitum* by the agency of a medical man's prescription. We may put the matter in its simplest form by quoting the first two subdivisions of Rule 12 (4):—

(a) The prescription must not be dispensed more than once unless the prescriber has stated thereon that it may be dispensed more than once;

(b) If the prescription contains a direction that it may be dispensed a stated number of times or at stated intervals, it must not be dispensed otherwise than in accordance with the direction.

Knowing as we do the tortuosities of official phraseology, we have hitherto taken the view that these two subdivisions, (a) and (b), are to be read in conjunction. If it is not so, the way is obviously open to the obtaining, in given circumstances, of indefinite quantities of any of these poisons for an indefinite period, which period may only terminate with the death of the patient, or of other persons, or of the patient and other persons. And it is difficult to see how the requirement of Rule 12 (2) (e) that the prescription shall indicate the total amount of medicine to be supplied is to be fulfilled if the prescription is to be repeated an indefinite number of times: in such a case the choice would seem to lie between the algebraic symbols x and $n + 1$. We were surprised to read, on p. 9 of the Home Office pamphlet known as "Poisons. No. 3 (Practitioners and Hospitals)," issued during the present month, the following statement:—

If, therefore, a *practitioner* states on the prescription for a *Fourth Schedule poison* "to be repeated as required," for example, and does not direct that it shall be repeated a specific number of times it is open to his patient to obtain the drug on the prescription indefinitely.

Yet the same paragraph ends with this definite hint, quoted from the report of the Poisons Board (p. 27) dated May 29, 1935: "... we recommend that the prescription [for a Fourth Schedule poison] should not be permitted to be dispensed more than once unless the prescriber specifically authorises it and then only for such number of times and at such periods as may be directed on the prescription." It is pertinent to inquire what has since happened to sweep away every restraint on the unfettered prescribing of these potent substances—assuming that the Home Office view is binding on medical practitioners and pharmacists. In addition to the possibility that numerous chemists will have to spend hours, to the detriment of their businesses, in the unfriendly atmosphere of a coroner's court, there is a definite question of public safety involved. Rule 12 either has broken down or needs interpretation in a court of law.

Councillors "On Circuit"

WITH the opening of the winter session, chemists may look forward to the usual spate of oratory from the members of Council chosen to address them on pharmaceutical affairs. At the end of the probationary period in regard to the labelling of poisons under the Pharmacy and Poisons Act, 1933, there should undoubtedly be more than usual interest regarding what the official views are in regard to the administration of the Act within the requirements of the law. While this is, of course, a major problem, yet there are others which, although of perhaps equal importance, are swamped by the immense possibility which concerns every chemist in business of contravening a law universally acknowledged to be almost unique in its indefiniteness.

There is little need to recapitulate the shortcomings of the Act in regard to the sale of poisons by pharmacists. What has to be faced is the Act as it stands, and since we have seen that deputations to the Home Office have little effect in altering the law once it has been established, then surely it is a waste of time for any councillor to endeavour to raise hopes in his audience that by having a greater number of pharmaceutical representatives on the Poisons Board all would be well. Expressions of opinion from official representatives of pharmacy made at meetings of chemists throughout the country seem to be a sheer waste of time. What the Council of the Pharmaceutical Society and its officials should bear in mind is that the Act has to be administered, and pious hopes as to possible methods of overcoming its iniquities, so far as the rights of the trained person are concerned, are futile. There was a time when such points could have been considered and dealt with; if they were not considered, then the accredited representatives of pharmacy failed in their duty. We have seen how the Home Secretary dealt with the deputation appointed to protest against his lysol decision; the protest had no effect whatever.

One of the well-known members of Council apparently appointed to express official views is Mr. W. J. Beardsley, who, in addition to being a member of Council, is presumably shaping towards high rank, and at the same time is managing director of a company which has for its purpose the control of a series of chain-store pharmacies. Mr. Beardsley, as is well known, is experienced particularly on the wholesale side, and no doubt retail chemists will be the more interested in his ideas as to how the individual pharmacist should conduct his business in view of the difficulties brought about by the passing of the memorable Act. According to our report received of the meeting mentioned on page 480, Mr. Beardsley stated that pharmacy should be more strongly represented on the Poisons Board. This point of view is somewhat astonishing because of the fact that no less than five of the leading lights of pharmacy are represented on a Board consisting of nineteen members. No other authority has so many representatives. It is obvious, therefore, that the fault in pharmaceutical representation, if there is one, is not concerned with quantity. If five important representatives of pharmacy have had so little effect in regard to the control of poisons by trained sellers, then a chemist may be excused for considering that results might well have been in inverse ratio to any increase in pharmacy's representatives.

The other point dwelt upon by Mr. Beardsley was apparently the fact that the Society needed money to

administer the Act. Again the pious hope that some time in the future the advantage of the Act would be recognised by chemists in general was reiterated, and if the pharmacist has wearied of hearing about the future benefits which are likely to accrue to pharmacy, the Council have only themselves to blame. The time has surely arrived when pharmacists are entitled to do more than accept guidance from their official representatives. They are entitled to demand it in view of the fact that they pay dearly for the privilege of following their business. It is especially essential for members of Council who will seek the confidence of electors next May to consider whether or not their views are making much impression, not only on their audience but on pharmacists throughout the country who, if our information is correct, are paying more careful attention to addresses now than at any time in the history of pharmacy.

Eucalyptus Oil Scarcity

THE recent advances in spot values of this oil, particularly during the past week, were not entirely unexpected. Throughout this year the source has been continually reporting supplies at a low level and gradually increasing quotations. In 1933 the price for good quantities of 70 to 75 per cent., in drums, was about 10d. per lb. landed. The average figure for 1934 was about 10½d. to 11d., and during the first half of 1935 the shipment quotation was about 11½d. landed and up to 11¾d. for the remainder of the year. In January of this year the market was advised firmer and by March the price was up to 1s. 0½d. landed and at the half-year shippers were firm at 1s. 1d. landed, with the quantities offered, particularly of the 80 to 85 per cent. oil, restricted. Now quotations for 70 to 75 per cent. are firm at 1s. 3d. c.i.f. in drums with January the earliest shipment date, which means that the oil will not arrive here till well into March next year. The peculiar point about the position is that after three years of only a moderate demand business this year, even in the summer months has been quite good and it has been consuming buying and not speculative business. The increased consumption of this oil is possibly due to the improvement in quality of the branded oils from Australia. During the past week there has been quite a rush to secure spot supplies and prices have now moved up to 1s. 6d. for the 70 to 75 per cent., in drums and the quantities available seem to be distinctly limited. The amount of 80 to 85 per cent. oil on hand here is said to be negligible, and most oil afloat has been sold. The view at the source, we believe, is that for a distilled oil and allowing for the much higher cost of labour and heavy overland and sea transport costs, the sales prices of the past few years are now uneconomic. During the past two years production has decreased because the sales prices were not satisfactory; output can certainly be increased and probably will be now that values are coming into line with costs. On the spot holders seem confident the market will advance further and that there will be no break in values this coming winter. Due to the low values at which the Empire oil had been selling imports of the Spanish oil had been comparatively small and for some months this source has been closed. Very limited supplies are said to be offering in London at the moment and no doubt efforts will be made to bring forward fresh supplies from this source, but even if the shortage is to some extent relieved in this way, values are not likely to weaken as the Spanish oil is normally at a premium to the Australian product.

A Doubtful Title

A COMMUNICATION from Dr. Stuart Goldhurst, a London medical practitioner, to "The British Medical Journal" of October 24 raises an interesting point. Dr. Goldhurst wrote:—

"I should like to draw attention to a pharmaceutical discrepancy. On ordering for a patient ac. acetylsalicyl. co.—which preparation I have always considered to consist of aspirin, phenacetin, and caffeine—I was surprised to find that she had been sent a tablet containing aspirin, phenacetin, and *pulv. ipecac. co.* When I protested at the pharmacy I was shown a bottle with the label of a reputable firm, which read 'acid. acetylsalicyl. co., aspirin, phenacetin, pulv. ipecac.' Whilst I admit that we physicians should write prescriptions in full rather than order proprietary articles, it is surely wrong and not without danger that such happenings as the above can occur. . . ."

If Dr. Goldhurst had turned up "Tab. Aspirini Co." in "Pharmaceutical Formulas" (Vol. I) he would have found that nine formulas are there given for this preparation. It seems doubtful from his note as printed in the "B.M.J." whether the tablets contained powdered *ipecacuanha* or *pulvis ipecacuanhæ compositus*; if the latter, we may point out that in each of the two "P.F." formulas which include this ingredient the quantity per tablet is only 2 gr. Whatever may be published in books of reference, it can readily be understood that a prescription of this kind may reach a pharmacy in a district where the use of a particular formula for compound tablets of aspirin is so definitely established that it is difficult for pharmacists to think of any alternative when they see these tablets prescribed. If it is not possible in every case for prescribers to write (as Dr. Goldhurst wisely suggests) prescriptions in full, they may with advantage, when ordering the preparation he prefers, add the synonym "A.P.C. tablets."

Windows that Sell

To say that the value of the shop window as a sales aid is increasing is a commonplace, yet the art of window-dressing amongst chemists as a class may often suffer because there is a lack of a scheme in which definite principles are applied. For many years in these pages there have appeared illustrations of prize-winning windows, many of which strike one as being the epitome of art as it can be applied to commercial display. Elsewhere in this issue, we illustrate three windows dressed by three different expert window-dressers as a means of demonstrating the idea that a window depends as much upon the ideas of the dresser as upon the goods themselves. For this experiment, we selected a one-product window—one featuring hot water bottles. The hot water bottle selling season is now upon us, and with the variety of goods offered by the various manufacturers, to say nothing of the high quality of the British-made bottle as it is to-day, the chemist has ample material for exercising to the utmost his ingenuity in using his shop window as a means of making sales. Each of these windows has a distinctiveness which is intriguing, and every one of them may provide an idea for the chemist who wishes to adapt such a window to his own particular needs. Of the relative merits of the three windows, we leave it to our readers to judge. Such a series of window displays as this more than ever confirms the advantage which the retail chemist has over chain-store window-dressers. Window-dressing amongst chain-stores is quite frequently a full-time job, and the same scheme is rather more than less often followed in each shop. This does, of course, coincide with the general aim of chain-stores in all trades, namely that a prospective customer may recognise the shop wherever he or she may be. The "omnibus" scheme of window-dressing, therefore, may have its advantages from the point of view of company stores where the personal element is submerged in one gigantic selling machine. It is different, however, for the individual pharmacist even if he possess two or three shops. Every neighbourhood can be studied, and a window scheme suitable to its purchasing public evolved. Window-dressing is, as has been suggested, an art, and as such has to be studied if the best results are to be obtained. There can be no hard and fast rules. If a chemist decides that a one-article window is suitable for his neighbourhood, then the schemes outlined in regard to our hot water bottle windows may assist him in evolving similar displays in regard to other products. It has frequently been stated that a single-subject window is one of the most difficult to arrange. Whatever views one may have on this subject, the displays referred to are well worth studying.

The Chemist's WINDOW

HOT WATER BOTTLES

Following an article on 'Competition Window Displays' (C. & D., October 3, p. 379), the Editor invited three display men to arrange window displays independently with the same stock of Hot Water Bottles

HOT water bottles were selected as the material for three "competitive" displays in THE CHEMIST AND DRUGGIST window. Besides being seasonable, they were considered to provide an excellent basis for the comparison of different methods of window-dressing. Each display man was given the stock and asked to arrange it in a window four feet wide, three feet deep and about six feet high. No other restrictions were imposed. Each was free to use whatever background coverings, stands, fixtures or showcards he thought desirable. The resulting displays were photographed under identical conditions. Stock was provided by advertisers in the C. & D., the full list of bottles and covers available for display being as here listed. C. J. HEWLETT & SON, LTD., supplied four hot-water bottles with Charlotte covers of coloured corduroy material and designed to enclose the whole of the bottle, including the neck, with the exception of the handle. THE LEYLAND & BIRMINGHAM RUBBER CO., LTD., sent in a range which included the Pharmal, a popular-priced bottle; the Pharmal Nursery, a small bottle in novelty Punch-and-Judy carton; and the Leyland Super, a doubly-reinforced moulded bottle. THE NORTH BRITISH RUBBER CO., LTD., supplied four seamless moulded bottles: the Pompadour (in box with inner cellophane top), Edina, Super and Wings of Sleep; and red and white vulcanised (fabric-base) bottles: Edinburgh and Unique. RELIANCE RUBBER CO., LTD., supplied a variety of branded and unbranded moulded bottles including: de Luxe and Hospital (in cardboard boxes); British Warm, Star, Fleur de Lys, Sun and Sleeping Beauty; also a miniature: the Baby de Luxe. SOLPORT BROS., LTD., sent a representative selection of covers including H14A, of velour, stated to be the most popular, supplied with cut-out hanging showcard under the



Display by Mr. F. W. Spurge (of Dudley & Co., Ltd., who also supplied the fittings)

shoulder straps, and obtainable bearing printed slogans such as "Good Night," "Happy Dreams," etc.; the Golden Fleece, of pure wool; covers with pyjama pocket, zipp fastener or hood.

First Display

The display on this page made use of stands only. There was no background of crepe paper or material, the display man considering that the bottles were sufficiently colourful and attractive in themselves. The stands were put together from

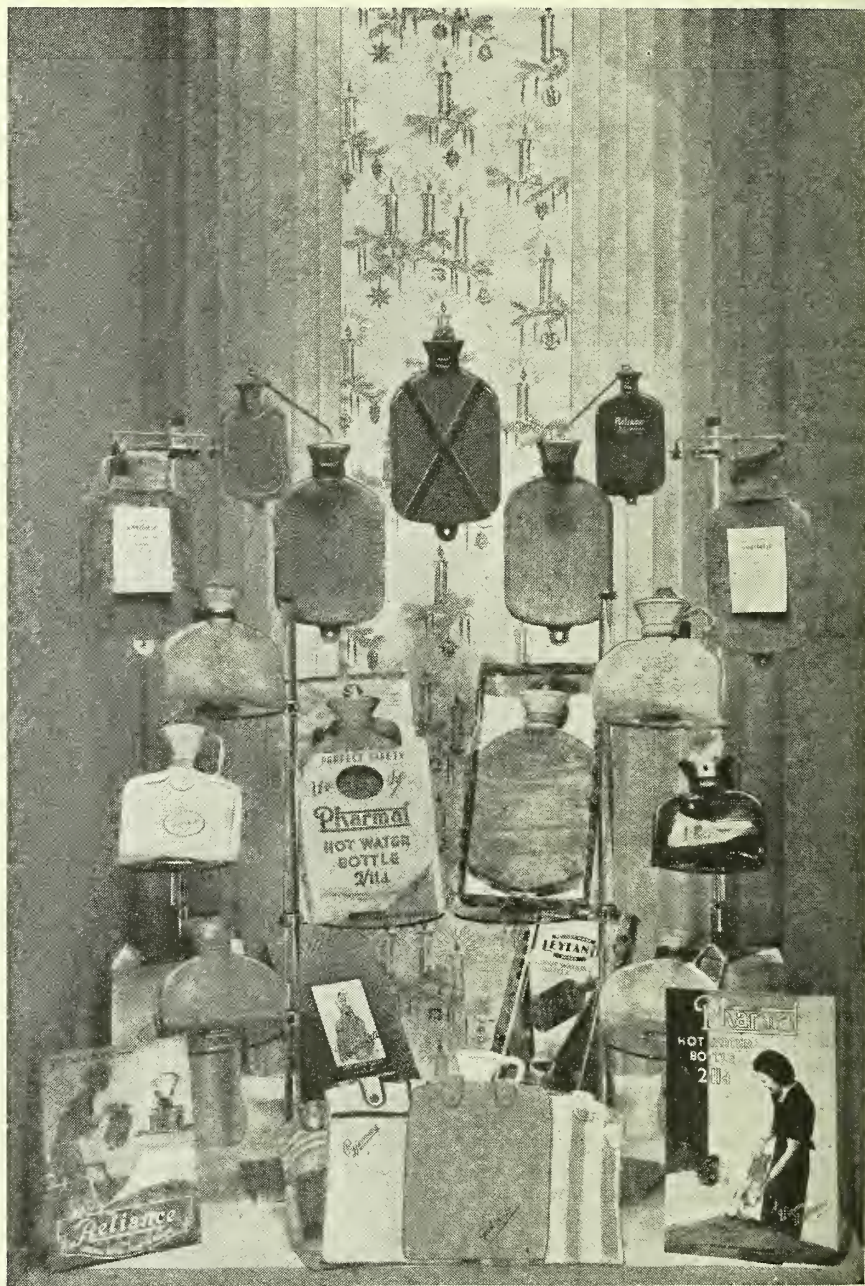
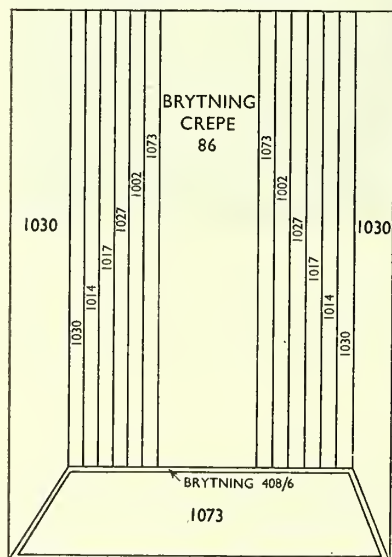
The Chemist's WINDOW (contd.)

unit components and each bottle rested upon a wire bracket sloping forward at an angle to the vertical, inserted in a clip affixed to a sheet of plate glass, upon a heavy chromium-plated base. A piece of stiff card was placed behind each bottle for additional support. To make up all the display stands, the following components were used: Strips of $\frac{1}{4}$ -in. plate glass, one 48 in. by 8 in., two 36 in. by 6 in., one 30 in. by 6 in., two 24 in. by 6 in., three 9 in. by $3\frac{1}{2}$ in.; bases, four 6 in. squares, three 4 in. squares; brackets, fourteen; unit clips, fourteen. The claimed advantage that the stands are practically invisible is seen in the photograph to have been demonstrated in the display. In addition, the stands are adaptable to other displays, since the clips can be fixed at any level and the brackets turned through a wide angle. All screws can be driven with a coin.

Second Display

The background of the second window was composed of a central stretch of crepe bearing a candle pattern to suggest bedtime. This was flanked with pleats of crepe paper of gradually deepening warm shades to blood-red. Shades and quantities used were as follows: Brytning crepe (patterned), No. 86, one roll; Brytning crepe border, No. 408/6, one roll; Pullall crepe, one roll each of No. 1002 (pale yellow), No. 1027 (deep yellow), No. 1017 (orange) and No. 1014 (flame); two rolls of No. 1073 (white); and five of No. 1030 (blood-red). The stands were built

Papering Diagram



Display by Mr. A. W. Strong (of J. C. King, Ltd., who also supplied the decorations and fittings)

up from Tubild units, consisting of glass uprights, shelves and circles and chromium-plated sockets. The full list of components used for the rear stand is: two 6-in. bases; three 36-in. glass rods, nine sockets, two

9-in. glass circles, five 8-in. straight arms; and for each front stand: one 6-in. base, one 36-in. glass rod, three sockets, two 9-in. and one 8-in. glass circles. The glass pillars are stated to permit the maximum penetration of light and offer the least hindrance to a full view of all the goods on display. The stands can be built up as required and all the screws can be turned by means of a coin.

Third Display

In the third display crepe paper was used to suggest cosy warmth on a cold, starry night. The left and left centre of

The Chemist's WINDOW (contd.)

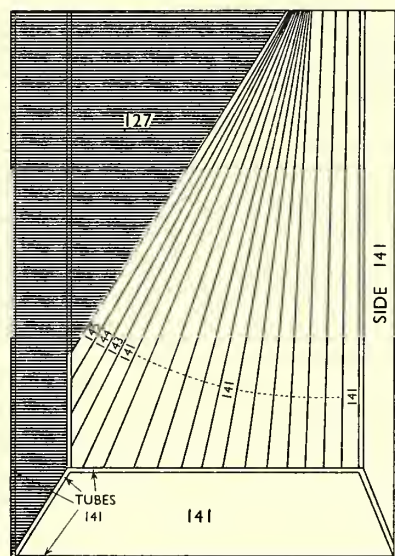


Display by Mr. W. G. Cornell (of Dennison-Victor Co., Ltd., who also supplied the decorations)

the background were papered with French blue crepe, a deep turquoise shade to which added gilt stars imparted quite a nocturnal aspect. A 6-in. crescent moon issued, like the stars, by the crepe paper makers, could also have been used to heighten the effect. The night shade was offset by warm shades graduating down to a pale yellow against which the coloured hot-water bottles showed strongly. Each bottle was suspended with wire, either from the top of the window against the background or from the top of a transparent display stand forward from the background. Crepe papers used were from the Dennison-Victor range: No. 127 (French blue); No. 145 (light orange); No. 144 (amber); No. 143 (light amber); No. 141 (primrose); the Dennison gummed stars were Nos. 2, 4 and 6. A support was used behind the boxed bottle.

formal. A point that emerges, therefore, from the resulting displays is the importance of the personal factor in all display work. It might have been suggested that the scope for originality in making a display of a single, almost standardised article like indiarubber hot-water bottles was too limited for a competitive test. In the event, this has not proved to be so. The fact that each display, while quite different from the others, is a practical—even severely practical—arrangement that any chemist can imitate slavishly if he wishes, is an argument in favour of the “model” displays illustrated from time to time in the *C. & D.* Yet, in claiming that these displays can be copied in detail, it has never been recommended that this should be done. On the contrary, it is always emphasised that the illustration should form a basis only, to be adapted according to local requirements. Obviously, a display which is liable to appear in replica at the other end of the street, or even in the same town, loses some of the merit it might otherwise have had. A characteristic common to the three displays illustrated is that each has been kept almost wholly to the goods themselves. Unlimited scope is offered the retailer in a more fanciful field. He can build his display around some topical event—the recent nation-wide gales, for example, would have made an excellent theme. He can introduce ideas of purely local point. He can indulge his sense of art or drama in a bedtime tableaux of wax models, each with hot-water bottle. And so on.

Papering Diagram



It has already been emphasised that the displays were carried out independently of each other and of the *C. & D.* No recommendations were made as to which bottles should be given prominence, whether showcards should be used, or whether displays should be free or

Pharmaceutical Society of Ireland

Council Meeting

(Concluded from THE CHEMIST AND DRUGGIST, October 24, p. 460)

EXAMINATION REGULATIONS

THE PRESIDENT moved a notice of motion standing in his name to amend the Licence Examination Regulations by deleting from Regulation I the following paragraph "Pharmaceutical Licence Examination, Regulation No. 1 in so far as it requires the Preliminary Examination to be passed prior to the four years' service at Pharmacy, shall not apply to any person submitting proof of having served with His Majesty's Forces within the period 1914-1919." The motion further proposed to delete Regulation III, pages 106, 107, and 108 of the 1936 Calendar, and insert in lieu thereof a new Regulation which stipulates that candidates for the Licence examination must produce a statutory declaration of having served the required term of apprenticeship or assistantship with a pharmaceutical chemist or apothecary lawfully keeping open shop in Saorstát Éireann, or in the case of apprenticeship or assistantship served with a chemist and druggist or registered druggist lawfully keeping open shop in Saorstát Éireann. It was further proposed that these Regulations would come into force on January 1, 1937.

Moving his motion, THE PRESIDENT said the existing Regulations on this matter were difficult to follow, and some of them were out of date. The Regulations he proposed would clarify the position, and ensure that apprenticeship would be served in Saorstát Éireann. Under the Regulations as they stood apprenticeship could be served outside the Free State, and they could not verify the declarations submitted.

MR. HICKEY seconded the motion.

THE REGISTRAR explained that at one time service here was accepted in England. Then the English Society decided not to recognise this service. When this change took place the Pharmaceutical Society of Ireland decided they would not recognise service in England, and passed a Regulation to that effect, but the Privy Council refused to sanction it. The position then was that they had to recognise service in England, while service in this country would not be accepted by the authorities in Great Britain.

MR. FITZPATRICK: Apprenticeship served here is not recognised either in Northern Ireland or England.

THE PRESIDENT: If you pass these changes in the Regulations it means that you will refuse to accept a statutory declaration from any chemist not in Saorstát Éireann. We have had quite a number of these declarations from areas outside our control, and we have had to accept them.

The motion was carried unanimously.

MR. F. J. FITZPATRICK moved a motion standing in his name to amend the existing Preliminary Regulations making it no longer obligatory for candidates to matriculate in chemistry and botany, in addition to Irish, English, Latin, and mathematics, and prescribing that candidates should pass in Irish, English, Latin, mathematics, and another subject instead. These amended Regulations to come into force on January 1, 1937.

In his speech, MR. FITZPATRICK quoted statistics to show the effect of the present Regulations on the Society's Schools. The professions of medicine, law and engineering accepted the open Matriculation examination as good enough for them. Under the existing Regulations candidates had to matriculate in Irish, English, Latin, and mathematics, but they had made elementary chemistry and botany compulsory as well.

DR. MITCHELL seconded the motion.

MR. BROOKE KELLY said that on

principle he must object to the change in the Preliminary Regulations proposed by Mr. Fitzpatrick. When this matter was gone into they considered at the time that it was essential candidates for their entrance examination should have a grounding in chemistry and botany.

SIR THOMAS ROBINSON, supporting the motion, said he always thought it ridiculous to make chemistry and botany compulsory. Such a stipulation did not reflect any credit on themselves. Students going for medicine or engineering were not tested for their knowledge of medicine or engineering in their Preliminary. Their Preliminary examination was a test as to whether they had sufficient general education to be doctors or engineers. Students coming forward for pharmacy should not, in his opinion, be tested in chemistry and botany, in which they were to be trained later. The Society stood out in a very discreditable position in having such Regulations in their Preliminary. By abolishing their present ridiculous test, and making their Preliminary a real matriculation, they would increase the supply of apprentices. Students should not be examined in subjects they were coming to learn from the Society. He supported the motion very strongly.

In reply to Mr. Cremen, THE REGISTRAR stated that twenty-five apprentices had been registered from January 1 up to that date. There were less pharmaceutical chemists now than five years ago; during the period 204 had been added to the Register and 233 removed.

MR. CREMEN: We argued this question of making chemistry and botany compulsory at several Council meetings before we had it passed.

MR. KIERAN: But you have the practical experience now.

MR. BROOKE KELLY said as one responsible for this Regulation he thought the whole matter should be referred to the Schools Committee.

MR. FITZPATRICK: No, I insist on a vote. It is a matter of vital importance to our Schools.

MR. BROOKE KELLY: It should not be rushed now. Refer it to the Schools Committee.

THE PRESIDENT: I agree the matter is one of vital importance, but I am in favour of letting the Regulations stand as they are for another year. I don't think it is a primary duty of the Society to have well-filled Schools.

MR. CREMEN: It is for the money they will get out of it.

THE PRESIDENT: We should be very careful in changing



Left to right: MR. B. P. HICKEY (Vice-President); MR. J. A. O'ROURKE (President); MR. F. J. FITZPATRICK, P.C. (Treasurer)

these Regulations again. We should give them a trial for another year.

MR. BROOKE KELLY: I say consider it at a Committee meeting and then pass it *in toto*.

MR. FITZPATRICK said if he had to bring the matter up again he would have some very hard things to say.

MR. GLEESON said he agreed that the figures quoted by Mr. Fitzpatrick were somewhat startling. It was very difficult in considering a question of this kind not to obtrude other matters. What, he asked, was the cause of this Preliminary in the first instance?

MR. FITZPATRICK: I say it is absurd.

MR. GLEESON said the cause given before was because they were overcrowded. Then Mr. Fitzpatrick brought in his motion, and they compromised with chemistry and botany. Now they wanted to go back on that. This was their third excursion with the Preliminary over the last couple of years. He did not think the severe matriculation had altered their Licence figures.

MR. FITZPATRICK said the balance was only beginning to show now. The figures showed they had turned the other side of the scale. They had only nineteen coming forward for their Licence examination.

THE PRESIDENT mentioned that an alternative proposal to Mr. Fitzpatrick's would be to increase the fees all round. That was one way of meeting the case. The inclusion of chemistry and botany in the present Preliminary gave a student a great start. It would also be an advantage when they had to take the next step of having a degree in pharmacy, as they had in Great Britain and Northern Ireland.

SIR THOMAS ROBINSON: An apprentice with a knowledge of chemistry and botany might be a nuisance. We have subjects in our Preliminary the Council of the National University don't think necessary.

THE PRESIDENT: The different bodies insist on different subjects.

MR. CAHILL said he could not understand a student passing in all the subjects they stipulated going into pharmacy. There was a certain amount of business at the back of this discussion, which perhaps was inevitable. The Regulation was framed to stem the flow of apprentices. If they were feeling the draught now, what would it be later?

On a vote the motion was carried by twelve votes to four. The voting was as follows: For the motion—Messrs. Warwick,

Fitzpatrick, Miss Flood, Mr. Boyd, Dr. Mitchell, Sir Thomas Robinson, Messrs. Kiernan, Duggan, McKeever, Hickey, Dwyer, Cahill. Against—Messrs. Brooke Kelly, Gleeson, Cremen, and the president. (Mr. Costello was not present.)

ANNUAL MEETING

On the proposition of THE PRESIDENT it was unanimously agreed to amend the Regulations regarding the holding of the annual meeting. The annual meeting will be held in future on the Monday preceding the second Tuesday in October at 8.30 p.m.

THE HERBARIUM

On the motion of MR. FITZPATRICK, seconded by Miss FLOOD, it was agreed "That in future the Herbarium be only open to students of the Botany and Materia Medica School while taking out lectures."

REPORTS FROM COMMITTEES

The reports of the House, Law, and Certificates and Declarations Committees were submitted and adopted.

The Certificates and Declarations Committee reported that the applications of nineteen candidates to present themselves for the coming Licence examination had been accepted.

In connexion with the Assistants' examination it was agreed on the motion of MR. HICKEY, seconded by MR. WARWICK, that until further notice the Assistants' examination be held on the Monday following the Licence examination, and subsequent days.

DEATHS

The registrar reported on the deaths of J. J. Allen, M.P.S.I. (820), Dr. W. R. Wilson, L.P.S.I. (430), F. C. Guest, L.P.S.I. (632), S. J. Moore, L.P.S.I. (830), and R. J. McHugh, Assistant (456). The registrar further reported on the removal under Section 25 of the name of Miss K. M. Raverty, Ph.C. (1016).

ELECTIONS AND NOMINATIONS

The following were elected members of the Society: Miss D. Claffey, Messrs. T. H. O'R. Carney, P. T. Crowley, R. K. Deevy, P. J. O'Ryan Hayes, O. J. O'Callaghan, F. J. Roche, J. J. Rohan, W. M. Swanton.

The following were nominated for membership: Messrs. D. G. Gillen, J. B. McDavitt, E. J. Sullivan.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1936, p. 322.

(From "The Trade Marks Journal," October 7, 1936.)

"CANINE BANIFEX"; for medicated veterinary preparation for dogs (2). By A. E. Cook & A. E. Ellen, Amberley Road, Storrington, Sussex. 569,013.

"BAILEX"; for veterinary chemicals, etc. (2). By E. S. Bailey & Co., Ltd., 19 Cannon Street, Manchester, 4. 571,085. (Associated.)

"GADEX"; for medicated veterinary preparations (2). By Day, Son & Hewitt, Ltd., 22 Dorset Street, London, W.1. 570,074.

"CORMID"; for medicated preparations for the treatment of heart diseases (3). "PYLONEX"; for medicinal chemicals excluding medicated wine (3). By Dr. R. Reise, Rheumasan & Lenicet-fabrik, Erasmustrasse 20/24, Berlin. 561,372/569,777.

Design of three horses' heads, for medicated toilet preparations (3). By P. P. Mulhens, Glockengasse 26, Köln am Rhein. 562,721. (Associated.)

"EDNALINE"; for medicinal chemicals (3). By Noury's Pharmaceutical Laboratories, Ltd., Armour House, St. Martin's-le-Grand, London, E.C.1. 569,746.

"HAXLAX"; for medicated laxative preparations (3). By E. Hack, High Holborn, London, W.C.1. 569,865. (Associated.)

"VEGETRATE"; for medicinal chemicals (3). By Modern Health Products, Ltd., 38 Langham Street, London, W.1. 570,131. (Associated.)

"PAVYCOS"; for medicinal chemicals (3). By Dr. R. & O. Weil, Grunestrasse, Frankfurt/Main, Germany. 570,747.

"HAL-TAKE"; for all goods (3). By Stotherts, Ltd., Albion Works, North Road, Atherton, Lancs. 569,920.

"CERNOL"; for medicinal chemicals for internal use (3). By K. L., Ltd., Southampton Street, London, W.C.1. 570,786.

"SELTALOID"; for medicinal chemicals containing extracts of seltzer water (3). By Wigglesworth, Ltd., Church Street, West-boughton, Lancs. 571,088.

"MUCILOID"; for pharmaceutical preparation for the treatment of the gastro-intestinal tract (3). "VEGEMUSIN"; for medicinal chemicals (3). By Norgine Pharmaceutical Products (London), Ltd., Clement's Inn, London, W.C.2. 571,262/343.

"NERASAL"; for medicated salts for human use (3). By British Institute of Practical Psychology, Ltd., 1 Ludgate Hill, London, E.C.4. 571,472.

"PULCRASOL," "PULCRALAVE," and "PULCRACREME"; for perfumery, etc. (48). By Pulcramanus Products, Ltd., 5 Rowsley Grove, Reddish, Lancs. 562,217/218/219. (Associated.)

"EVENING IN PARIS" and "SOIR DE PARIS"; for all goods (48). By Bourjois, Ltd., Queen's Way, Croydon. 567,996/999. (Associated.)

Design of three horses' heads; for perfumery, etc., excluding soap (48). By P. P. Mulhens, Glockengasse 26, Köln am Rhein, Germany. 562,722. (Associated.)

"KEMPAC"; for perfumery, etc. (48). By Kempac, Ltd., Bradford Road, Batley. 570,831. (Associated.)

"BAILEX"; for perfumery, etc. (48). By E. S. Bailey & Co., Ltd., 19 Cannon Street, Manchester, 4. 571,086. (Associated.)

"SMILEOLIA"; for perfumery, etc. (48). By The Olia Co., 38 Wyndham Road, Salisbury. 571,340.

APPLICATION AMENDMENT

The specification for "CREMALKA" in Class 3, No. 568,748, by Allen & Hanburys, Ltd., has been amended to "medicated preparations for human use in the treatment of gastric ulcer and duodenal ulcer."

London Medical Exhibition

THE London Medical Exhibition, held at the Horticultural Hall, Westminster, S.W.1, on October 19-23, was early off the mark. Representatives (or more properly "propagandists") were kept busy answering, explaining and describing, and there was little need for that usually frequent introduction deferentially spoken: "Doctor, can I interest you in . . . ?" There was plenty to see.



Evans Sons Lescher & Webb, Ltd.

Perhaps, on the whole, the tone of the Exhibition was more businesslike than last year. There was less of the "side-show" type of stand, and exhibitors were, in the main, bent on securing their share of business in the doctors' everyday requirements. It was possible for the visiting doctor to equip himself with a complete surgery, even to the gas fire that keeps it warm; with a complete library; with operating instruments and surgical appliances; and to acquaint himself with new remedies introduced during a twelvemonth. He could sample foods and food beverages; investigate a Sp a treatments for his

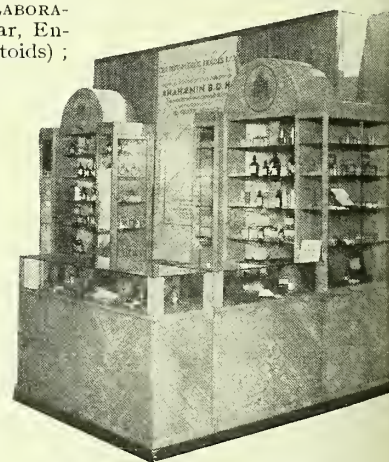
patients; place orders for rare foreign proprietaries, and even order a brass plate; while still the majority of the stands were taken up with established medicinal specialities. The preparations made by exhibitors for the reception of doctors were thorough, and showed that their interest was a matter of great importance. Displays were usually free from extraneous display aids, and products were arranged with meticulous care; many of the stands were given a "finish" rare in exhibitions

Drug Trade Exhibitors

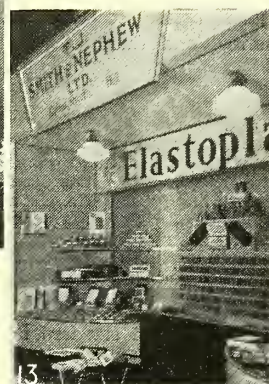
Exhibitors familiar in drug-trade circles included the following:—

ALLEN & HANBURY'S, LTD. (products recently introduced included Cremor Alkalinus M.S. (magnesium silicate); Cremor Alkalinus L. (aluminium hydroxide and osmo kaolin); Lysantol (a non-corrosive antiseptic with a Rideal-Walker coefficient of 4); Magsyn (tablets of basic magnesium acetylsalicylate); snake bite serum; sodium mandelate granules and urine test outfit); ANGLO-FRENCH DRUG CO., LTD. (thirty foreign specialities); ANTIBODY PRODUCTS, LTD. (bee venom in aseptic injections, dust proteins, grass pollen, etc.); ARMOUR & CO., LTD. (sterilised suture needles and Glanoid glandular preparations); BAYER PRODUCTS, LTD. (twenty-five branded specialities, including vitamin concentrates, anaesthetics, liver and hormone preparations); BENDER'S FOOD, LTD.; BENGUE & CO., LTD. (twenty-eight branded specialities); BOOTS PURE DRUG CO., LTD. (specialities, including Pepsac desiccated stomach substance, mandelic acid and sodium mandelate, liver preparations, and antiseptics); BRAND & CO., LTD. (foods); BRITISH ALKALOIDS, LTD. (T.C.P.); BRITISH COD LIVER OIL PRODUCERS (HULL), LTD. (Sol-vit-ax brand cod-liver oil); THE BRITISH DRUG HOUSES, LTD. (branded specialities including Anahæmin, an active principle obtained from liver; Mandelix elixir of ammonium mandelate; Mersalyl, a sodium salt containing about 40 per cent. non-ionisable mercury; Calsimil; Multivite and others); BURROUGHS WELLCOME & CO. (products exhibited for the first time included Stypven Russel viper venom, Ryzamin-B rice polishings concentrate and Eulykol, introduced for the treatment of lupus vulgaris); CADBURY BROS., LTD. (food beverages); G. W. CARRICK CO. (glandular preparations); THOS. CHRISTY & CO., LTD. (twenty-three branded proprietaries);

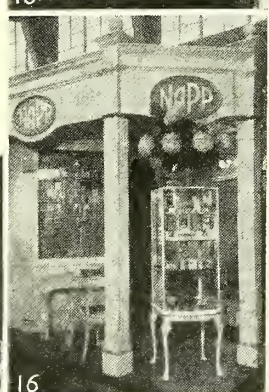
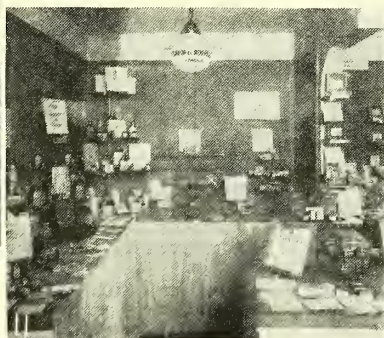
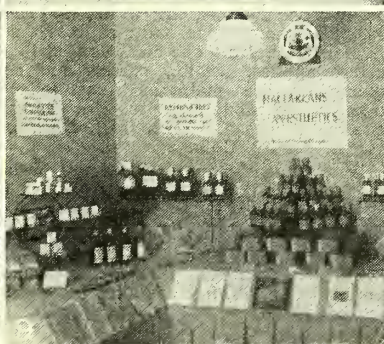
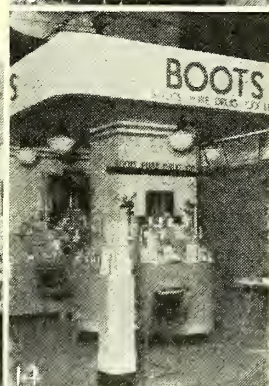
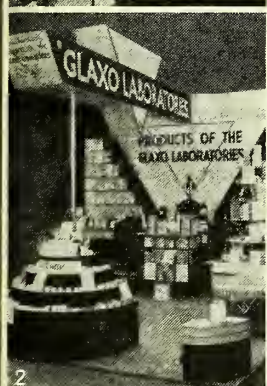
COATES & COOPER, LTD. (sixty foreign specialities); CONTINENTAL LABORATORIES, LTD. (glandular and chemical specialities); CROOKES LABORATORIES (British Colloids, Ltd.) (specially featured were Colsulanyde, a sulphanilamide for the treatment of streptococcal infection; halibut oil ointment for use in dermatitis and eczema; Ferrofax capsules containing ferrous iron with manganese, copper and cobalt as catalysts; and Collosol brand phospho-mandelate, issued with book of test papers for determining pH value of urine by colour reaction); CUXSON, GERRARD & CO., LTD. (bandages and dressings; Eupinal iodide of caffeine for administration in asthma); DENVER CHEMICAL MANUFACTURING CO. (Antiphlogistine dressing, plain and with picric acid, ichthyol or beta naphthol); ELI LILLY & CO., LTD. (un-denatured bacterial antigens; Entoral oral cold vaccine; branded specialities); EVANS SONS LESCHER & WEBB, LTD. (Zant, a non-toxic germicide having a Rideal-Walker coefficient of six; magnesium trisilicate; Neo-Hepatex liver extract; common cold vaccine; numerous specialities); GENATOSAN, LTD. (specialities, notably Fissan preparations); GLAXO LABORATORIES, LTD. (dissolved vaccines; branded vitamin preparations; foods); C. J. HEWLETT & SON, LTD. (Ampuliques containing doses of sterilised injections; mixtures; vaccines; specialities); HINDERS, LTD. (foot appliances); HOFFMANN-LA ROCHE CHEMICAL WORKS, LTD. (analgesic, sedative, hypnotic, biochemical and vitamin specialities); HOLBORN SURGICAL INSTRUMENT CO., LTD.; HOWARDS & SONS, LTD. (aspirin, bismuth carbonate, quinine, sodium salicylate and branded specialities); INGRAM & ROYLE, LTD. (natural mineral waters); JOHNSON & SONS (MANUFACTURING CHEMISTS), LTD. (Estersil analgesic); KAYLENE, LTD. (Kaolin preparations); J. F. MACFARLAN & CO. (anaesthetics and ligatures); WM. MARTINDALE (pharmaceutical specialities); MENLEY & JAMES, LTD. (Iodex); H. R. NAPP, LTD. (twenty foreign specialities); NESTLÉ & ANGLO-SWISS CONDENSED MILK CO. (milk foods); OPPENHEIMER, SON & CO., LTD. (specialities, including Palatinoids and Roboleine); ORGANON LABORATORIES (glandular preparations); OXO, LTD. (foods; animal products); PARKE, DAVIS & CO. (Antuitrin hormone preparations; Vibex ampoules of standard vitamin B, branded specialities; vaccines); PETROLAGAR LABORATORIES, LTD. (Petrolagar, Endrine, Kaldrox, Proctoids); PHARMACEUTICAL SPECIALITIES (MAY & BAKER, LTD. (fifty-seven specialities, including anaesthetics; antiseptics; hypnotics; vitamin preparations; x-ray preparations); RECKITT & SONS, LTD. (Dettol and varieties); W. J. RENDELL, LTD.; SANDOZ PRODUCTS (J. FLINT); SAVORY & MOORE, LTD.; SCHERING, LTD. (glandular preparations; hypnotics; antiseptics; x-ray materials); SCHOLL MFG. CO., LTD. (foot appliances); SCOTT & BOWNE, LTD. (cod- and halibut-liver oil products); SHARP & DOHME, LTD. (Propadrin hydrochloride, a synthetic vasoconstrictor similar to ephedrine; Mulford and other specialities); T. J. SMITH & NEPHEW, LTD. (Elastoplast bandages and dressings); SPARKLETS, LTD. (compressed gases); EDWARD TAYLOR, LTD. (Flexoplast dressings); VIROL, LTD. (foods); W. R. WARNER & CO., LTD. (Veracolate tablets, a new compound containing the essential bile salts with cascara, phenolphthalein and capsicum); CHAS. ZIMMERMANN & CO., LTD. (Calbrolact tablets of calcium bromide and lactate in molecular combination; Unibar barium sulphate shadow meal; Nitrolingual nitroglycerin in capsules; Posterisan hæmorrhoidal suppositories).



The British Drug Houses, Ltd.



At the London MEDICAL EXHIBITION



1. British Colloids, Ltd. 2. Glaxo Laboratories, Ltd. 3. Oppenheimer, Sons & Co., Ltd. 4. Pharmaceutical Specialties (May & Baker), Ltd. 5. Howards & Sons, Ltd. 6. Allen & Hanburys, Ltd. 7. Burroughs Wellcome & Co. 8. Parke, Davis & Co. 9. J. F. MacFarlan & Co. 10. Cadbury Bros., Ltd. 11. Savory & Moore, Ltd. 12. Eli Lilly & Co., Ltd. 13. T. J. Smith & Nephew, Ltd. 14. Boots Pure Drug Co., Ltd. 15. Chas. Zimmermann & Co., Ltd. 16. H. R. Napp, Ltd.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, October 29

THE MARKETS ARE SETTLING DOWN and business has been a little better this week. The limited quantities booked have been a feature and October, as a whole, has been a somewhat disappointing month. It is now, however, quite clear that the recent devaluation of continental currencies will not cause a general reduction in prices of commodities affected by exchange rates. In very few instances has there been any decline in the sterling value. Reports from the Continent state that former values were unsatisfactory and, with the higher cost of production, quotations have had to be increased to the extent of the difference in sterling between the devalued currencies and the old gold standard rates. It is expected that the result of the Anglo-Italian trade negotiations will be made known this week-end. There is a deadlock with trade with Spain. Some shipments might be made to this country, but shippers are not willing to accept payment via Clearing and their Government. Business in PHARMACEUTICAL CHEMICALS has been no more than average with quoted prices unchanged, but a good deal of competition and some price-cutting of Convention products is noted. The main MERCURY SALTS have not been advanced, but prices of the MINOR SALTS, such as MERCURIC IODIDE, have been increased this week. VANILLIN continues unchanged at the former Convention prices for home trade.

Crude Drugs

More business reported this week, and some items are dearer and very firm. With a brisk demand on spot for CURAÇAO ALOES values have advanced and shipment is dearer. BUCHU has been quiet this week. CHINESE CANTHARIDES are dearer for shipment. CARDAMOMS continue in short supply and firm. COCOA BUTTER is again dearer. Portuguese ERGOT is quoted steadier for shipment, but fails to attract business. GENTIAN is dearer on a firm market, with supplies already short and nothing offered forward. Sudan GUM ACACIA remains dull. HYDRASTIS tends dearer on the spot and is very firm at the source. A good business has been done on spot in MATTO GROSSO IPECACUANHA at advancing prices, closing firm and in small supply. Spanish MERCURY shows no further advance, but shipment values are nominal. Fair demand for Rough Round RHUBARB at the advance. RUBBER has touched the highest spot value since 1930. There has been a brisk demand for spot supplies of TRAGACANTH; values for all grades except fine white ribbon are sharply dearer and still advancing, with the selection now becoming extremely limited.

Essential Oils

Although slightly better this week, business in these products is still below normal in volume. ANISE (STAR) continues to sell on spot and there are no offers from the source. BERGAMOT, LEMON and other SICILIAN OILS are quoted dearer at the source. Madagascar CLOVE is firm on spot. A brisk demand for Australian EUCALYPTUS on spot with prices sharply advanced and supplies running very low; only January offered for shipment. Californian distilled LEMON has been advanced substantially and cold-pressed is not available here. No quotations from first-hands at the source for the coming season's French GUINEA ORANGE. Japanese PEPPERMINT has sold moderately well on spot with prices very gradually easing; the forward market remains quiet.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	Oct. 22	Oct. 29
Amsterdam ...	Fls. to £	12·107	9·10	9·05
Berlin ...	Mks. to £	20·43	12·16	12·15
Brussels ...	Belgas to £	nominal	29·05	29·04
Copenhagen ...	Kr. to £	18·159	22·40	22·40
Lisbon ...	Esc. to £	110	109½	109½
Madrid ...	Ptas. to £	25·22½	nominal	nominal
Milan ...	Lire to £	92·46	93	92½
Montreal ...	Dol. to £	4·86½	4·89	4·89
New York ...	Dol. to £	nominal	4·89	4·89
Oslo ...	Kr. to £	18·159	19·90	19·90
Paris ...	Fr. to £	124·21	105½	105½
Prague ...	Kr. to £	164·25	138½	138½
Stockholm ...	Kr. to £	18·150	19·40	19·40
Warsaw ...	Zloty to £	43·38	26½	26
Zurich ...	Fr. to £	25·2115	21·28	21·28

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

A MODERATE general business is reported, with conditions showing no change of importance. Most Continental quotations continue to be made in sterling at the former devaluation figures. There is no change in the vanillin convention prices for the home trade. Rather more demand for salicylates.

AMIDOPYRINE.—Dealers' spot prices unsteady. No forward quotations from the Continent: crystals, five cwt., 18s. 0½d.; two cwt., 18s. 5½d.; less than two cwt., 18s. 10½d. per lb., with powder 2½d. per lb. extra.

AMMONIUM ICITHIOSULPHONATE.—Moderate inquiry, market steady: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d., in 1-lb. tins; 1s. 10½d., in 8-oz. tins, and 2s. 1d. per lb., in 4-oz. tins.

ASPIRIN (TABLETS).—The following are agreed wholesale prices for the British makers: Under 5,000, 3s. per 1,000; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 9d.; 50,000, 2s. 8d.; 75,000, 2s. 7d.; 100,000, 2s. 6d.; 250,000, 2s. 5d.; 500,000, 2s. 4d.; 1,000,000, 2s. 3d.; 2,000,000 and over, 2s. 2d. per thousand tablets. A rebate of 1d. per 1,000 is allowed on orders for 10 million tablets taken over a period of 12 months. For small quantities higher prices would be asked by wholesale distributors.

BARBITONE.—No quotations from the Continent in foreign currencies: spot quiet and unsteady: spot, one cwt., 15s. 3½d.; 56 lb., 15s. 8d.; small parcels, up to 16s. 3d. per lb.

BENZOIC ACID (B.P.).—Makers' prices unchanged: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices are quite steady: Carbonate, B.P., one cwt., 6s. 6d.; 28 lb., 6s. 9d.; 8 lb., 7s. 3d.; less than 8 lb., 8s. 6d. per lb., with rebates on contracts for larger quantities.

BROMIDES.—Makers' scales of prices steady at the advance recently recorded. No Continental quotations. POTASSIUM, B.P., five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s. per lb. SODIUM, B.P., five cwt., 1s. 10d.; one cwt., 1s. 11d.; 28 lb., 2s. 2d. per lb. AMMONIUM, B.P., five cwt., 1s. 11d.; one cwt., 1s. 12d.; 28 lb., 2s. 3d. per lb., net. Resale clause applies. 28-lb. parcels and one-cwt. cases free. Export quotations are maintained, as follows: POTASSIUM, B.P., five cwt., 1s. 4d.; one cwt., 1s. 4½d. SODIUM, B.P., five cwt., 1s. 5d.; one cwt., 1s. 5½d. AMMONIUM, B.P., five cwt., 1s. 6½d.; one cwt., 1s. 7d. per lb., f.o.b.

BUTYL CHLORAL HYDRATE.—Small business at former values: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CALCIUM LACTATE.—Moderate business, quoted unchanged: spot, one cwt., 1s. 0½d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Makers' prices steady as quoted: duty paid crystals, in 14-lb. free containers, five cwt., 3s. 4d.; one cwt., 3s. 5d.; 28 lb., 3s. 6d.; 14 lb., 3s. 7½d. per lb., 28-lb. jars one penny per lb. extra.

CHLOROFORM.—Prices quoted by the makers are: two cwt., 2s. 5½d. per lb.; one cwt., 2s. 6d.; 56 lb., 2s. 6½d.; less, 2s. 7½d. per lb., in w-quarts of 8 lb. Packed in drums, ½d. per lb. less. Small bottles extra, from 5d. per lb. for 4-lb. bottles to 1d. for 2-lb. bottles. Carriage paid on minimum cwt. lots.

CITRATES.—Makers' scales of prices continue at the recent reduction, as follow:—

	Under 4 lbs.	4 lbs. and under 7 lbs.	7 lbs. and under 14 lbs.	14 lbs. and under 28 lbs.	Not less than 28 lbs.
	Lb. s. d.	Lb. s. d.	Lb. s. d.	Lb. s. d.	Lb. s. d.
Iron ammon. citrate					
B.P. ...	2 4	2 2	2 0	1 11	1 9
Pot. citrate B.P. ...	2 0	1 10	1 8	1 7	1 5
Sod. citrate B.P. ...	2 1	1 11	1 9	1 8	1 6

Usual conditions. Net, without engagement. Special rates for quantities and contracts. The previous price adjustment was on July 2, 1935. The scales of prices for bulk quantities, minimum one cwt., have been reduced by 2d. for Pot. and Sod. Citrates and by 3d. for Iron Ammon.

CITRIC ACID (B.P. CRYSTALS).—Market is steady: British material quoted at 1s. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—Rather quiet, quoted unchanged: British material 99 to 100 per cent., 79s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

LACTIC ACID (B.P.).—Steady business at former prices: quantities in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 6d. to 1s. 10½d. per lb., as to quantity.

MERCURIALS.—Makers' scales of prices continue at the advance recently recorded and are firm: not less than one cwt., ammoniated, B.P., lump, 5s. 5d.; powder, 5s. 7d.; bichloride, B.P., lump, 4s. 8d.; powder, 4s. 4d.; chloride, B.P., 5s. 5d.; yellow oxide, B.P., 5s. 10d.; persulphate, white, B.P.C., 5s. 7d.; sulphide, black (hyd. sulph. cum sulph., 50 per cent.), 5s. 6d.; less than one cwt., ammoniated, B.P., lump, 5s. 6d.; powder, 5s. 8d.; bichloride, B.P., lump, 4s. 9d.; powder, 4s. 5d.; chloride, B.P., 5s. 6d.; yellow oxide, B.P., 5s. 11d.; persulphate, white, B.P.C., 5s. 8d.; sulphide, black (hyd. sulph. cum sulph., 50 per cent.), 5s. 7d. per lb. Special prices for large quantities.

METHYL SALICYLATE.—A fair business is reported, with quoted prices unchanged: spot, ten cwt., 1s. 1½d.; five cwt., 1s. 2d.; one cwt., 1s. 2½d.; less than one cwt., 1s. 2½d.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Spot is dull and unsteady: Continent not offering forward: two cwt., 19s. 3½d.; one cwt., 19s. 9½d.; 56 lb., 20s. 2½d.; small parcels, up to 20s. 9d. per lb.

PARAORMALDEHYDE.—Fair demand continues at former figures: 100 per cent., powder, quantities in kegs, 1s. 1d.; smaller parcels, 1s. 2d. to 1s. 6d. per lb., as to quantity.

PHENACETIN.—Normal business, market steady at low values. Bulk quantities, 2s. 6d.; smaller parcels, from 2s. 7d. to 3s. per lb., as to quantity.

PHENAZONE.—A small spot demand, very keen prices being quoted: crystals, five cwt., 8s. 7½d.; two cwt., 8s. 9½d.; one cwt., 9s. 0½d., and less, 9s. 3d. per lb., with powder 2½d. per lb. extra.

POTASSIUM PERMANGANATE (B.P.).—Dealers spot prices are steady: bulk quantities, in drums, 8d. to 8½d.; druggists' parcels, from 9½d. to 1s. per lb., as to quantity.

POTASSIUM SULPHOGUAIACOLATE.—Dealers are quoting spot from 6s. 3d. to 6s. 4½d. per lb., as to quantity. Market dull.

QUININE SALTS.—Convention prices continue nominally unchanged. Quoted in sterling, no foreign currencies: sulphate, 2s. 2d.; bisulphate, 2s. 2d.; ethyl carbonate, 2s. 9½d.; salicylate, 2s. 10½d.; hydrochloride, 2s. 8½d.; bihydrochloride, 3s.; hydrobromide, 2s. 8½d.; bihydrobromide, 3s.; valerianate, 3s. 8d.; hypophosphite, 4s.; alkaloids, 3s. 0½d. per oz., carriage paid on bulk quantities; 100-oz. tins free, smaller packages extra.

RESORCIN.—British material quoted as follows: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., up to 6s. per lb.

SALICYLIC ACID (B.P.).—More business moving: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 10d.; 4 lb., 2s. per lb.

SALOL.—A modest spot business only is reported: spot, crystals, two cwt., 3s.; one cwt., 3s. 0½d.; 56 lb., 3s. 1½d.; smaller parcels, up to 3s. 3d. per lb.; powder, 2½d. per lb. extra.

SANTONIN.—A few orders are reported, with prices varying according to quantity in the region of £14 to £14 10s. per kilo.

SODIUM BENZOATE (B.P.).—Steady business at keen prices: bulk quantities, 1s. 6d.; one cwt., 1s. 7d.; smaller parcels, 1s. 8d. to 2s. per lb., as to quantity.

SODIUM DIETHYLBARBITURATE.—Rather quiet: spot, one cwt., 13s. 3d.; 28 lb., 13s. 6d.; 14 lb., 13s. 9d.; 7 lb., 14s.; smaller parcels, up to 14s. 6d. per lb.

SODIUM SALICYLATE (B.P.).—Fair amount of business reported; scale of prices unchanged: home trade, crystals or powder, five cwt., 1s. 5½d.; one cwt., 1s. 6d.; 28 lb., 1s. 9d.; 14 lb., 1s. 11d.; 7 lb., 2s.; 1 lb., 2s. 3d. per lb.

SULPHONAL.—Dull and irregular on spot: crystals or powder, two cwt., 15s. 5½d.; one cwt., 15s. 10½d.; 56 lb., 16s. 1d.; smaller parcels, up to 16s. 7½d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—Market continues fairly steady: British makers quote at 1s. per lb., less 5 per cent. discount. Dealers offering foreign materials at competitive prices.

THEOBROMINE.—Continental material: pure, two cwt., 7s. 10d.; one cwt., 8s.; 56 lb., 8s. 2d.; smaller quantities, 8s. 4d. per lb. Sodium salicylate, two cwt., 6s. 3½d.; one cwt., 6s. 4½d.; 56 lb., 6s. 5½d.; smaller quantities, 6s. 6½d. per lb., delivered, 5-lb. tins free, smaller packages extra.

THYMOL.—Scale of prices about steady; limited business: synthetic, fine white, two cwt., 5s. 10d.; one cwt., 6s.; 56 lb., 6s. 3d.; 28 lb., 6s. 9d.; smaller parcels, 7s. 6d. per lb.; ex ajowan seed, one cwt., 8s. 5d.; 56 lb., 8s. 10½d.; 28 lb., 9s. 5½d.; 14 lb., 10s. 6d. per lb.

VANILLIN.—The Convention prices are steady, fair amount of business: ex clove oil or guaiacol, five cwt., 12s. 9d.; one cwt., 13s.; 56 lb., 13s. 3d.; less, 13s. 9d. per lb.

Crude Drugs, etc.

AGAR.—Limited spot business, market steady: spot, Kobe No. 1, 2s. 9d.; No. 2, 2s. 6d.; Yokohama No. 1, 2s. 5d. per lb.; shipment, Kobe No. 1, 2s. 5½d.; No. 2, 2s. 2½d.; Yokohama No. 1, 2s. 2d. per lb., c.i.f. Some speculative business in new crop, with re-sellers of Kobe No. 1 at 2s. 1d., c.i.f., while Japanese shippers quote steadily at 2s. 2½d. per lb., c.i.f.

ALOES.—Some good business in Curaçao reported and values are dearer, market fully steady. Cape steady, with some shipment offers: Cape, spot, in small boxes, 62s. 6d.; in large cases, 60s. to 65s., as to quality; shipment, prime, in small boxes, 57s. 6d. per cwt., c.i.f. Curaçao, spot, dearer at 97s. 6d. to 115s., as to quality; shipment, dearer and firm at 95s. per cwt., c.i.f. Spot stocks of Curaçao have been heavily depleted.

ANTIMONY.—Chinese crude for shipment, November-December, is £25 10s., c.i.f. English regulus, spot, £67 10s. to £68 10s.

ARNICA FLOWERS.—Some spot supplies are quoted at about 1s. per lb. for small parcels.

BALSAMS.—Market has remained dull; quoted unchanged: *Toiu*, 1s. 9d.; *Canada*, 2s. 8d.; *Copaiba*, 1s. 2d.; *Peru*, 5s. 4d. per lb., spot.

BUCHU.—Business has been rather quieter this week, but spot values are keeping up. Rounds, from 2s. 8d. to 2s. 11d., as to quality, and ovals, about 2s. 3d. per lb. One or two shipment offers of last season's leaves at about 2s. 6d. to 2s. 7d. per lb., c.i.f., with no guarantee of quality.

CAMPHOR.—Business continues on a fair scale, with values unchanged. Japanese, spot, tablets, 2s. 5d.; powder, 2s. 2½d.; slabs, 2s. 2½d. per lb., duty paid; English refined flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ½ oz. and ¼ oz., 3s. 6d. per lb. Contracts at special prices.

CANTHARIDES.—Fair demand for Chinese on spot; shipment is dearer: spot, Russian, 6s.; Chinese, 2s. per lb., as to quantity; shipment, 1s. 8d. per lb., c.i.f.

CARDAMOMS.—Shipment prices are firmly held at recent advances. Green Aleppy, 3s. 4d., c.i.f., and Bombay seed, 4s. 4d. per lb., c.i.f.; spot, 4s. 5d. per lb.

CASCARA SAGRADA.—While business has again been slow values are keeping fully steady: spot, 1933 peel, 65s.; 1936 peel, 56s. per cwt.; shipment, 1936 peel, 52s. per cwt., c.i.f.

CFLERY SEEDS.—Dealers are now offering bulk quantities at about 90s. to 95s. per cwt., as to quantity.

CLOVES.—Values are maintained, business rather slow: Zanzibar, spot, 8d.; shipment, October-December, 7½d. per lb., c.i.f. Madagascar, in bond, 7½d.; shipment, October-December, 6½d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended October 24 were 400, and the deliveries 36, leaving a stock of 1,948. From January 1 to date the landings of Zanzibar have been 4,157 and the deliveries 3,096. Landings of Madagascar for the week ended October 24 were nil, and the deliveries 92, leaving a stock of 1,430. From January 1 to date the landings of Madagascar have been 3,177 and the deliveries 3,109 packages.

COCOA BUTTER.—At the further advance the market is fully steady: Prime English, 1s. 1½d. to 1s. 2d. per lb.; foreign, 1s. 0½d. to 1s. 1d. per lb., as to quantity.

COCONUT (DESICCATED).—At the advance the market is steady with more business being done: spot, fine, 23s. 9d.; medium, 23s. 3d. per cwt.; shipment, halves, November, 23s. 6d.; December, 23s. 6d. per cwt., c.i.f.

COD-LIVER OIL.—Bergen reports the shipment market continues very steady with business on a fair scale: finest Lofoten steam-refined non-freezing medicinal oil, 96s. to 97s. per barrel, c.i.f. London. Newfoundland, non-freezing medicinal oil, about 130s. per barrel, ex store. British non-freezing medicinal oil is now quoted at 96s. to 100s. per barrel, c.i.f. London, duty free, while quotations from another home source are at higher figures.

DAMIANA LEAVES.—A modest spot business, with the price asked for small parcels about 8d. per lb.

DANDELION ROOT.—Some supplies of foreign root are now being offered at about 82s. 6d. per cwt., ex store.

DERRIS ROOT.—There is very little interest in this market at the moment. Shipment offers, basis 17 per cent. ether extract, about 9d. per lb., c.i.f.

ERGOT.—A good consuming inquiry continues, but actual business has again been negligible. On spot some Portuguese is quoted at 4s. 9d. to 5s. per lb.; shipment offers are now more regular in value at about 4s., c.i.f. No Spanish offers, but this source reports business done with New York at 4s. 6d. per lb., c.i.f.

GENIAN.—This is a very firm and advancing market. Spot prices now range up to 47s. 6d. per cwt., and it is doubtful if 45s. would now be accepted. Further advances are anticipated. No supplies from Spain this season, and the digging in the French mountains has been much less than usual and this source now reports nothing more to offer this season. Spot supplies appear to be comparatively small, and are mostly held in strong hands who are not pressing for business. Next season's root arrives here about April.

GINGER.—West African is slightly easier. West African, spot, 65s.; shipment, January-March, 39s. per cwt., c.i.f. Jamaican, spot, bold in barrels, 85s. to 90s.; small grinding, 62s. 6d. to 65s. per cwt., in bags, ex store.

GUM ACACIA.—Market has again been dull, and values remain at a low level: spot, Kordofan cleaned sorts, 39s. 6d.; bleached, No. 1, 100s.; extra, 115s. per cwt.; shipment, Kordofan cleaned sorts, 36s. 6d. per cwt., c.i.f.

HYDRASTIS.—Most holders of spot supplies have advanced their price up to about 13s. per lb.; shipment continues firm at 12s. 6d. per lb., c.i.f. Business on spot has been a little better.

IPECACUANA.—There has been a brisk demand this week and values, which are very firm, show a further advance. All cheaper parcels reported cleared. Matto Grosso, B.P. test, 5s. 9d. with 5s. 6d. per lb. paid; shipment, nominal, no offers. The source reports that, owing to the drought of last summer, transport into the interior to the Matto Grosso district has been impossible, as the smaller waterways have dried up and this has affected the digging.

LIQUORICE ROOT.—Dealers are offering natural root at 12s. 6d. and decorticated at 35s. to 45s. per cwt., ex store.

MANNA.—Some new arrivals of selected, packed in 1-lb. tins, are available at 4s. per lb.

MENTHOL.—There has been a fair demand on spot for JAPANESE B.P., with the price 12s. 3d. per lb.; in bond is offered at 10s. 10½d. Japanese shippers quote November-December at 9s. 10½d. per lb., c.i.f., with re-sellers at 9s. 9d., c.i.f. Bids of 9s. 3d., c.i.f. have been refused. CHINESE, B.P., is offered on spot at about 12s. 1½d. and finds a limited sale. No shipment offers of new crop. English synthetic is quoted unchanged from 7s. 6d. to 10s. 6d. per lb., as to quality and quantity.

MERCURY.—The quotations for Spanish metal show no further advance, but shipment is more or less nominal, due to circumstances at the source. Limited spot supplies available. Quoted at 68 dollars per bottle, f.o.b. Continent; £14 per bottle, c.i.f. London; spot, in small lots, £14 2s. 6d. per bottle, ex store.

OPIMUM.—Some small orders booked on spot: Turkish, 1s. 2½d. per unit, landed and duty paid. Persian, 1s. per unit, in bond.

PEPPER.—Market has been quieter and values are barely maintained at the recent improvement. Lampong, in bond, 2½d.; shipment, October-December, 2½d.; January-March, 2½d.; March-May, 2½d. per lb. Tellicherry, spot, 4½d.; shipment, October-December, 34s., c.i.f. Aleppo, spot, 4½d.; shipment, October-December, 34s., c.i.f. White Muntok, in bond, 5d.; shipment, October-December, 4½d.; January-March, 4½d., c.i.f.

PIMENTO.—At the recent advances the market continues steady: spot, 8½d. per lb.; shipment, October-December, 77s. per cwt., c.i.f.

ORRIS ROOT.—Dealers holding supplies of Florentine quote from 45s. to 50s. per cwt., as to quality and quantity.

RHUBARB.—A fair business this week, chiefly in rough round. Spot, Shensi, 4s. to 4s. 3d., with pickings at 2s. 3d. to 2s. 6d. Rough round, all pinky, 1s. 7d., and three-quarters pinky, 1s. 5½d. per lb.; shipment, all pinky, 1s. 5½d.; ordinary quality, 1s. 3d. per lb., c.i.f.

RUBBER.—Business has been moving on a good scale, with values reaching the highest level since 1930. Standard ribbed smoked sheet, spot, 8½d.; November, 8½d.; December, 8½d.; January-March, 8½d.; April-June, 8½d.; July-September, 8½d. per lb.

RED ROSES.—Spot supplies are available with small parcels quoted at 5s. 6d. per lb., ex store.

SAFFRON.—Supplies available on spot continue small and are firmly held for 75s. to 85s. per lb.

SARSAPARILLA.—Market steady, limited business: spot, Jamaican grey, 1s. 2d. to 1s. 3d.; native, mixed colours, 1s. 8d. to 1s. 9d. per lb., as to quantity, spot.

SEEDS.—ANISE.—Bulgarian, 28s. 6d. spot, duty paid. CANARY.—Spot, Mazagan, 31s.; Spanish, 70s.; both duty paid. Mazagan for shipment is now quoted at 25s. 9d., c.i.f., London. CARAWAY.—Dutch, on spot, 38s. duty paid; 32s. 9d. now quoted f.o.b. Holland. CORIANDER.—Morocco new crop on spot is offered at 13s. 6d., duty paid. For prompt shipment basis, London, 10s. 9d. c.i.f. quoted. CUMIN.—Morocco spot is 37s. duty paid and 33s. in bond. No Malta to be had on spot. DILL.—Indian 11 per cent. spot now 16s. 6d. FENNEL.—Bombay, f.a.q., 32s. 6d. spot. FENUGREEK.—Morocco spot, 14s. duty paid, 11s., c.i.f., now quoted. MUSTARD.—English, 22s. 6d. to 31s. 6d. per cwt., according to quality.

SENEGAL.—Business continues disappointing with spot at cheap figures. Spot, 1s. 6d.; shipment, steady at 1s. 6½d. per lb., c.i.f.

SENA.—Business continues on the quiet side with little inquiry from home or export buyers. Tinnelly leaves offer on the spot: No. 1 at 6d., No. 2 at 4d., No. 3 at 2½d. per lb. for good green quality. Hand-picked Tinnelly pods are rather firmer and good palish quality continues scarce. Alexandrian: There is little change in the position, with a fair selection of medium grades of hand-picked pods available at 1s. 6d. to 2s. 9d. per lb.

SLIPPERY FLM BARK.—Occasional small business on spot. Wired bundles, 1s. 2d.; grinding quality, about 7d. per lb.

STRAMONIUM.—Dealers are quoting spot parcels at about 40s. to 42s. 6d. per cwt., as to quantity and quality.

STROPHANTHUS SEED.—Supplies of new crop seed are now available at about 2s. 11d. to 3s. per lb., as to quantity.

TRAGACANTH.—Considerable activity in this market is reported, with something of a rush to secure the remaining spot stocks. Shipments to this market continue quite negligible, and spot stocks are now small and the selection of the various grades very poor. During this week the values of all grades, except fine white ribbon, have advanced at least 30 per cent., and the prices being asked are now moving up daily. There are one or two small lots of druggists' fine white ribbon, firm and unchanged at £45 per cwt. Values for all other grades cannot be quoted owing to the rapidity with which they are advancing.

VALERIAN ROOT.—Some small spot business, with dealers quoting about 40s. per cwt., ex store.

WAX.—BEES'.—Business has remained quiet, values generally unchanged. Calcutta bleached, spot, 140s.; shipment, November-December, 127s. 6d., c.i.f. Abyssinian, spot, 120s.; in bond, 110s.; shipment, 110s., c.i.f. Benguela, spot, 120s.; shipment, 108s., c.i.f. Conakry, no spot available; shipment, 109s. per cwt., c.i.f. Dar-es-Salaam, spot, 120s.; shipment, steady, at 119s. per cwt., c.i.f. CARNAUBA.—Not much interest in these products at the moment, values being maintained. Fatty grey, spot, 160s.; afloat, 152s. 6d.; shipment, October-November, 147s. 6d., c.i.f. Chalky grey, spot, 157s. 6d.; afloat, 150s.; shipment, October, November, 147s. 6d., c.i.f. Primaria, spot, good quality, 215s.; f.a.q., 205s.; afloat, 205s.; shipment, October-November, 190s., c.i.f. Mediana, spot, 205s.; shipment, 192s. 6d. per cwt., c.i.f.

Essential Oils, etc.

THERE has been rather more business doing this week, but trade is hardly up to average for October. Sicilian oils are dearer for shipment. Madagascar clove is firm. Californian distilled lemon is dearer. Japanese peppermint is steady. Australian eucalyptus is very firm at the further advance.

ALMOND.—Foreign material freely offering. English-made oil quoted unchanged: English-made, cwt. lots, 3s. 9d.; smaller parcels, up to 4s. per lb.; foreign, cwt. lots, 3s. 6d.; smaller parcels, up to 3s. 9d. per lb. French, bitter, 7s. per lb.

ANISE (STAR).—Steady demand on spot; no shipment offers from the source: spot, leads, 3s. 6d.; tins, 3s. 3d.; drums, 2s. 11d. to 3s. per lb., ex store; shipment, tins are offered by re-sellers at 2s. 4½d. per lb., c.i.f.

BAV.—Average small spot business being done: 49 to 50 per cent., 4s. 9d. to 4s. 10d.; 59 to 60 per cent., 5s. to 5s. 1½d. per lb., as to quantity.

BERGAMOT.—Reports from the source state that following the advances made in the Consortium quotations, the control has now withdrawn, and the market is nominal. Shippers seem agreed there is no tangible reason for this firmer tone, while agreeing that the oil crop this season is well below normal. On spot prices vary; at the moment there are offers at about 10s., while the highest figure noted is 11s. 6d. per lb. The quantity of oil available here seems very limited.

BOIS DE ROSE.—Quoted unchanged on a dull market. Brazilian, spot, 5s. to 5s. 1½d. per lb., as to quantity.

CAJUPUT.—Dealers report a modest spot demand: B.P., 1s. 10d. to 2s. 3d. per lb., as to quantity.

CANANGA.—The shipment market is very irregular, with an easier tendency, averaging about 6s. 6d., c.i.f. Small spot parcels are mentioned at about 7s. 6d. per lb.

CARAWAY.—Quotations from Holland are at attractive figures, but business remains slow: Dutch rectified, 7s. 3d.; crude, 6s. 9d. per lb., landed and duty paid, in good quantities.

CASSIA.—The shipment market is steadier, with fair business; quoted at 2s. 7½d., c.i.f. On spot the value is about 3s. 1d. per lb. for a good quality oil.

CEDAR LEAF.—Dealers' prices for the few small spot parcels are steady at about 5s. 6d. to 5s. 7½d. per lb.

CEDARWOOD.—A little more doing, with keen prices quoted for good quantities: American, in drums, 1s.; smaller packages, up to 1s. 3d. per lb. African oil is offering at competitive prices.

CINNAMON LEAF.—This market continues steady with a limited spot business passing. Ceylon oil, 2s. 11d. to 3s.; shipment, 2s. 7d. per lb., c.i.f.

CITRONELLA.—A modest spot business, otherwise the market is dull: Ceylon, spot, drums, 11½d. to 1s.; smaller parcels, up to 1s. 3d.; shipment, drums, 10d. to 10½d. per lb., c.i.f. Java, spot, drums, 1s. 3d. to 1s. 4d.; smaller parcels, up to 1s. 7d.; shipment, drums, 1s. 0½d. per lb., c.i.f.

CLOVE.—Madagascar oil is in limited supply and firm on spot, with no shipment offers. Zanzibar bud oil is attracting attention here: Madagascar, spot, drums, 3s. 6d.; smaller packings, up to 3s. 9d. per lb.; shipment, nominal. Zanzibar bud oil, spot, 4s. per lb. in drums. English-made oil, 4s. 9d. per lb.

EUCALYPTUS.—Sharp advances on spot are recorded, and there has been a good inquiry this week. The nearest forward offer is for January shipment. Spot market very firm and advancing: Australian, 70 to 75 per cent., firm at 1s. 6d.; 80 to 85 per cent., if available, from 1s. 7d. per lb., in drums; higher prices for small lots in tins. Spanish, 70 to 75 per cent., 1s. 6½d. per lb., ex store. Editorial comment on page 494.

GERANIUM.—Market has been quiet and is unchanged, with some keen prices quoted: Bourbon, spot, 18s. 6d. to 20s.; shipment, 17s. to 17s. 6d., c.i.f. Algerian, spot, 18s. 3d. to 19s. 6d.; shipment, 15s. 9d. per lb., c.i.f.

GRAPE-FRUIT.—A small business, with spot values for Californian at 10s. 9d. to 12s. per lb., as to quantity. No Florida or South African oil offering here.

HO (SHIU).—Not much business except smallish spot orders. Quoted from 1s. 6d. to 1s. 9d. per lb., as to quantity and quality.

JUNIPER BERRY.—Spot values are being maintained, with business quiet: quoted from 2s. 10d. to 3s. per lb., as to quantity.

LAVENDER.—The limited business has been chiefly for spot oil of the cheaper grades. French, new crop, 38s. to 40 per cent., from 15s. to 16s. 6d. per lb., as to source. Lavandin is quoted here from 6s. 3d. to 7s. 9d. per lb., as to source and quantity.

LEMON.—During the past week the reports from the source indicate that efforts are being made to advance quotations for Sicilian hand-pressed oil, following on the low prices of a fortnight ago, when the figure was 5s. 10½d., shippers have since advised 7s., 7s. 6d., and up to 8s. 2d. per lb., c.i.f., but they appear to have little confidence in these higher values. The Californian oil has advanced, as shown below. We hear, unofficially, that the negotiations for the reopening of Anglo-Italian trade are likely to be concluded this week-end. On spot, the demand is quiet, with prices varying from 7s. 6d. to 9s. per lb. No Californian cold-pressed oil available on spot. Distilled, regular quality, is quoted dearer at 4s. 8d. per lb., in small drums, ex store.

LEMONGRASS.—The shipment market is lifeless, and now quoted down to 1s. 4½d. per lb., c.i.f. On spot, 1s. 8d. to 2s. per lb., as to quantity.

MANDARIN.—The average quotation from the source is in the neighbourhood of 14s. 6d. per lb., c.i.f.

NUTMEG.—Dealers are offering supplies of American oil at about 5s. 3d. to 5s. 6d. per lb., as to quantity.

ORANGE.—The demand for French Guinea oil on spot is of little importance, with sellers of quantities in drums at 3s.; smaller packages up to 3s. 6d. per lb. No first-hand offers of new crop. Sicilian sweet is quoted at the source from 9s. 6d. to 10s., c.i.f., and bitter oil at about 6s. 9d. per lb., c.i.f. Californian, one case, 4s.; two or more cases, 3s. 10d.; small drums, 3s. 9d.; large drums, 3s. 8½d. per lb.

PALMAROSA.—Business mostly restricted to small spot business: spot, 5s. 10d. to 6s.; shipment, about 5s. 6d. per lb., c.i.f.

PATCHOULI.—The spot value for small parcels of Singapore oil continues at about 16s. to 16s. 3d. per lb.; shipment nominal.

PEPPERMINT.—The JAPANESE oil has met with a fair sale on spot; fresh arrivals have eased the price to 5s. 3d. per lb., ex store. Parcels near afloat are quoted at 5s., c.i.f. Bids of 3s. 10d. for October-December, with sellers wanting 4s. per lb., c.i.f. Japanese shippers quote November-December at 3s. 10½d.; December-January, 3s. 9½d.; January-March, 3s. 9d. per lb., c.i.f., with buyers at slightly under these figures. CHINESE oil on spot is moving slowly at about 5s. 1½d. per lb. No offers of new crop for shipment. The American natural new crop oil is quoted for shipment from 2 dollars 20 to 35 cents per lb., in drums, c.i.f., the price varying as to brand.

PEITGRAIN.—Market is steady but on the quiet side: spot, cases, 3s. 6d.; smaller packings, up to 3s. 10d. per lb.; shipment, cases, 3s. 3d., c.i.f.

ROSEMARY.—Business is still of small account, with holders of spot Spanish oil quoting in the region of 3s. 1d. to 3s. 2d. per lb. No shipment offers.

SANDALWOOD.—Genuine East Indian Mysore, 19s. per lb., in one-case lots on spot; practically no second-hand offerings. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English made West Indian, business done at 7s. 3d. per lb. Australian oil continues steady: five cases, 14s. 6d.; one case, 14s. 9d.; 7-lb. tins, 15s. 3d. per lb.

SASSAFRAS.—A quiet spot demand for natural oil, with prices from 3s. 6d. to 3s. 9d. per lb., as to quantity. Artificial oils at cheaper figures.

SPERMINT.—Unchanged and quiet: spot, 8s. 9d. to 9s.; shipment, about 8s. 3d. per lb., c.i.f.

SPIKE.—Very little business of importance on spot, with holders of Spanish oil of good quality apparently willing to shade 5s. per lb. for bulk business. No forward offers from the source.

WORMSEED.—Business of small importance: spot, about 9s.; shipment, 8s. 9d. per lb., c.i.f., for U.S.P. quality oil.

Fifty Years in the Trade

LAST week Mr. William Burns Kelly completed fifty years' service with Messrs. W. J. Bush & Co., Ltd., Ash Grove, London, E.8, the well-known chemical and essence manufacturers, having joined them on October 18, 1886. Previously Mr. Kelly was, for a short period, with Messrs. J. Puddy & Co., chemical merchants, of Mincing Lane. He started with the founder of the firm, Mr. W. J. Bush, and spent the first sixteen years in the offices of the company and then for the next thirty years was their outside representative, chiefly for London and district. For the past fourteen years Mr. Kelly has also been in charge of Messrs. Bush's stands at exhibitions. Joining his firm at their Artillery Lane establishment, Mr. Kelly recalls the days of long hours, horse-drawn vehicles and the Victorian period when the top hat and frockcoat were the fashion in the City. He is to-day probably the oldest member of the trade still regularly taking his place on 'Change on Wednesday afternoons. With the late Mr. Alfred Bush, he has represented his firm on 'Change for over thirty-four years. One of the outstanding incidents in Mr. Kelly's business career was the occasion of a visit of the late King George V to the British Industries Fair at the White City in February 1926. His Majesty, in the course of his tour of the exhibition, stopped at Messrs. Bush's stand and, after Mr. Kelly had explained the developments that had been made in chemical manufacturing, his Majesty congratulated Mr. Kelly on his firm's enterprise.

In the course of an interview with a representative of the *C. & D.*, Mr. Kelly said he was born in London; up to a short time ago he had lived for many years at Highgate. He had seen many changes in the chemical and drug trade, but was satisfied conditions were now very much better than they were forty or fifty years ago. Before the war the Continent dominated this market and there seemed to be a certain amount of prejudice against anything British so far as chemicals were concerned, and the range and quantities of pharmaceutical products actually made here was limited. During the past fifteen to twenty years the industry had gone right ahead and is now well abreast of its competitors. Mr. Kelly is one of the best-known personalities in the wholesale chemical and drug trade; he has also a wide circle of friends all over the country in the mineral water trade. To commemorate his half-century with the firm the directors of Messrs. W. J. Bush presented him with a gold watch, suitably inscribed. Mr. Kelly's hobby is music. He conducts the orchestra at the company's sports club dramatic shows. His eldest daughter is a doctor of medicine and is a honorary anaesthetist at University College Hospital. Asked if he intended to retire from business, Mr. Kelly replied "he had not thought of it; having completed fifty years with 'W.J.B.' there was no reason why he should not go on and make it sixty years." Mr. Kelly enjoys good health, and his many friends in the drug, chemical and essence trades will look forward with pleasure to meeting him in the course of their business activities for many years to come.

London Drug Stocks

LONDON stocks at September 30, 1936, and September 30, 1935:—

Article	Quantity	1936	1935
Aloes	cwt.	219	103
Cascara Sagrada	tons	45	113
Bees' Wax	packages	2,519	2,636
Japanese Vegetable Wax	cases	207	299
Camphor	packages	381	401
Cardamoms	cwt.	264	665
Dragon's Blood	cases	162	109
Galls, China and Japan	cases	580	646
Gum Acacia (all descriptions)	packages	11,923	7,217
Asafoetida	cwt.	447	445
Benzoin	cwt.	814	726
Olibanum	packages	245	268
Tragacanth	packages	4,247	6,084
Ipecacuanha	cwt.	260	53
Nux Vomica	cwt.	Nil	491
Rhubarb	cwt.	315	312
Senna	bales	3,527	4,573
Shellac	cases	125,191	207,492
Turmeric, Bengal	tons	78	31
Turmeric, Madras, Cochin, etc.	tons	174	66
Sandarac	packages	124	125
Mastic	packages	79	62
Guaiacum	cwt.	117	165
Ammoniacum	packages	27	19

Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

P.A.T.A. Council Election

SIR,—Mr. C. J. Yeates, who is a member of the N.P.U. Executive, is a candidate for the P.A.T.A. Council. He is neither a manufacturer nor a wholesaler, and his interests are solely engaged in retail pharmacy. Those who wish to have a real retailer to look after their interests on the P.A.T.A. will take a note to vote for Mr. Yeates.—Yours, etc.,

FERNLEY WALLIS, Chairman ;

ALLEN L. GRIFFITHS, Secretary ;
Plymouth Branch, N.P.U.

Federation of Branches

SIR,—Some simple form of federation would improve the present branch system. One outcome would be the possibility of holding district meetings for the preliminary discussion of Conference motions, or such of them as are sponsored by the Branches in the district. For this purpose it is suggested that the branches be grouped into districts, each district to have allotted to it one or more members of Council—one of whom shall act as chairman at district meetings and serve as a link between Council and branch. This arrangement would save time during the Conference and tend to make the branch representatives' meeting more satisfactory.—Yours, etc.,

A. GREENWOOD WATKINS.

Reading.

Schedule IV Poisons

SIR,—At the time of the introduction of the Poisons List and Rules there was a good deal of argument about the real meaning of the requirements of Rule 12 in its application to the dispensing of Fourth Schedule drugs. The principal difficulty appeared to be interpreting the paragraph relating to "repeats," and the exact way in which these should be indicated on the prescription, and this has soon been brought into prominence by the case reported from Greenwich (*C. & D.*, October 24, p. 459). The Rule states that a prescription for Fourth Schedule poisons must not be dispensed more than once unless stated by the prescriber, and if it contains a direction that it may be dispensed a stated number of times or at stated intervals, it must not be dispensed otherwise. This was taken by some pharmacists to mean that the prescriber, when desiring repetition, was expected to write a definite number of times it could be dispensed, or the exact interval of time between each repeat ; but it would seem from this recent case that it is sufficient merely to write "to be repeated" without any indication of how often or how frequently it may be supplied. With such a prescription there is really no restriction on the sale, and a customer in possession of it can obtain an indefinite supply almost as freely as if the article were sold over the counter in the ordinary course of business. One cannot think this was the intention of the Poisons Board when the Fourth Schedule and Rule 12 were framed, or there would appear to have been no object in adding the paragraphs giving the requirements for prescriptions in detail. According to the evidence the prescription was marked "repeat as required," and there were no directions on the prescriptions as to how the tablets were to be taken. Rule 12 (3) (e) directs that the prescription shall indicate the total amount of the drug to be supplied and the dose to be taken ; if there is an indefinite number of repeats, I suggest that the total amount cannot be stated. It will also be noticed that the chemist who dispensed the prescription had to make two appearances, produce his prescription-book and copies of the Act, and to submit to a detailed examination although it was admitted he had acted quite legally.

Faithfully yours,

QUARTUS (26/10).

A Call for Unity

SIR,—We know to our cost what has happened in the past ; the fault in any case lies in ourselves. Lack of unanimity, apathy, short-sighted vision of those who, although they may think they have given of their best, are not acknowledged to have done the best we think might have been done, fear

on our part that by chasing the shadow we might lose the substance. Human nature being a queer mixture, it necessarily follows that those who are consistently failing to qualify have sufficient good in them to run drug stores and will eventually do so. I grant it was never more necessary than now to keep up, and even improve, the status of our so-called profession ; but is not stiffening the examination putting the cart before the horse? Ought not attempts to have been made first of all to improve our prospects? Instead, we are faced with a new Pharmacy Act encouraging competition in lines which ought to have been reserved. The inducement to the public will be reduced prices, which we must either meet (and we cannot afford to do so) or lose sales. Will this enable us to pay better salaries to qualified managers and assistants? So we must not only hold what we have but must also seek to increase our holding. How can this be done? No help will be coming from the Pharmaceutical Society. The National Pharmaceutical Union is willing, but every idea has been more or less turned down by the craft in the past. There is no room for another organisation, so the obvious conclusion is to back up the N.P.U. for all we are worth, sink or swim. The general trade of the country has increased tremendously during the last twelve months, but has the individual chemist done increased business in proportion? I think not. Is he likely to do so with house-to-house hawking of lines, competition of bazaars, and the cut-price market vendors? And what will be the outcome of the patent-medicine stamp inquiry? I think there is only one way for us to benefit, and that is for exemption to be only on preparations actually made on the premises where they are to be sold. All other cures should be stamped. Manufacturers would have less money to spend on advertising and would therefore be more dependent on our good will, hence more likely to join the C.F. scheme. Also we might bestir ourselves, get out of the rut, and begin to make more of our own lines. Still another feature is the growth of multiple chemists. I have written this epistle in order to emphasise the necessity of unity, and hoping it will encourage all chemists to attend every meeting held likely to affect their interests. Notwithstanding the doubtful outlook, I am confident that the chemists who have personality, energy and perseverance will survive whatever happens. Others will do so with luck and business acumen (and perhaps *minus* academical knowledge). But with unity it ought to be possible to improve the lot of those chemists just starting in business or those who have adverse circumstances to face.—I am, etc.,

CRITIQUE (27/10).

SIR,—The address given by Dr. Bryant at the inaugural meeting of the Birmingham Pharmaceutical Association (*C. & D.*, October 24, p. 470) makes a call for unity among pharmacists, and states that the task of co-ordinating the work of the different bodies had been solved by uniting the committees in one Council. The overlapping of meetings, general and committee, has been a problem in many areas, and has in some cases brought a lack of interest due to a surplus of programmes ; but the idea of having a council to represent the different sections should prove an efficient method of achieving unity of action, as delegates could be appointed by the several committees to form the central council. On the whole I do not think the weakness of pharmacy lies so much in the means of organisation as in the want of support from the individual members. Dr. Bryant also referred to the old-time apprentice as one with a low standard of education ; this may have been so in some instances, but writing as an apprentice of that period several of my contemporaries had had a public school education and commenced apprenticeship at the age of seventeen. The obvious question which arises is whether the increased demands of the syllabus are producing any better type of chemist for retail purposes. Dr. Bryant tells us that the Act of 1933 is admitted to be an experimental and transitional measure ; it is not so long ago that we were told the Government had finished with pharmaceutical legislation for a considerable period, and we could not expect a new Pharmacy Act for another generation. I think, however, that our title can safely

be left to the public; whatever may be the legal term in the future, we shall always be chemists to our customers.—

Yours truly,
CHEMIST ALWAYS (27/10).

Noted in Passing

SIR,—During the past week I have found that several pharmacists are rather interested in the paragraph going the rounds of the daily papers to the effect that "retail chemists all over Australia" are campaigning for legislation to prevent a multiple concern from opening a chain of shops in Australia. This news is no doubt stale to the readers of THE CHEMIST AND DRUGGIST; but what my friends would like to know is the reason for this sudden newspaper interest. Is it, they ask, a preliminary to the working up of another case of the wicked private chemist trying to consolidate a "monopoly"? This incident led to a brisk discussion on a subject which is still agitating the trade. The snub administered by the Pharmaceutical Council to the majority voters at the Bournemouth meeting of branch representatives who want full disclosure of the "occupation" of Council candidates still rankles. Feeling runs high and sarcasm is rampant. The absurdity of branch representatives expecting any suggestion not strictly orthodox being acted upon is emphasised, and it is generally agreed that, under present circumstances, these meetings are a farce and waste of time. "Anything unpalatable is, of course, unconstitutional," said one successful retailer, "and not provided for in the Charter! As a matter of fact," he went on, "there is no warrant for the official suggestion that the proposal was put forward with the sole object of increasing the retailers on the Council. I was at the meeting." "Are we to assume," added a second speaker, "that the Council, with one or two exceptions, have gone completely over to the conviction that the future of pharmacy lies in the elimination of the individual and the multiplication of syndicates run by outside capital?" Talking of branded proprietaries reminded a man I met in the train of the gain to the ranks of high-class pharmacy this week by the recruiting of a popular American cabaret artist to broadcast the virtues of a pharmaceutical product. "Here is a tip for the Council," said the man in the corner seat. "This radio star only costs a matter of £400 or £500 a time to advertise one or two articles, whereas the joys and sorrows of the whole pharmaceutical world might be touchingly placed before 7,000,000 people daily at probably half that price."—Yours, etc.,

ROAMER (28/10).

The Future of Pharmacy

SIR,—FROM the point of view of the status of pharmacy, the announcement of the promotion of a new company to take over a chain of pharmacies must lessen any hope there might be of restricting pharmacy to the pharmacist in the future, as any extension of company business can only result in it being looked on as a financial and trading affair rather than a professional calling. The discerning chemist does not attempt to compete with these stores (indeed, he could not hope to do so on their own lines); but he can cater successfully for that large class of persons who will not deal with a combine, at any rate for medicines. Personality counts more in a chemist's shop than in any other, and once the confidence of one's customers is gained there need be no fear of combines. It is this factor which reacts against a multiple concern when a private pharmacy is acquired and there is a change of management. But although the chain store should not unduly worry the pharmacist who uses his personality and looks after his customers, that does not alter the fact that in general the increasing control of pharmacies in the mass by purely financial interests must depreciate any professional aspirations. Retail chemists may consider justly that they should have a preponderance of representatives on the Council of the Pharmaceutical Society, and will naturally prefer to cast their votes for those candidates who are interested solely in private pharmacies rather than in chain shops, which might be in active competition with them. The trouble with retail pharmacy is not so much that the individual cannot earn a livelihood, as that the standard of qualification, the responsibility of the work and the length of the hours bring such a meagre remuneration in comparison with other callings.

Faithfully yours,

NON-COMBINE (31/8).

Dispensing Notes

A Bismuth and Bromide Mixture

SIR,—Would you kindly let me have your comments on the following:—

Liq. bis. et am. cit.	...	...	...	℥ss.
Ammon. brom.	...	...	...	gr. x.
Ac. hydrocyan. dil.	...	...	...	℥j.
Liq. rosæ dulc.	...	...	...	q.s.
Aq.	...	...	...	ad ℥j.

I find the mixture becomes white after twenty-four hours.
Yours truly,

G. L. M. (2/7).

[Your mixture is essentially equal parts of a 1 in 3 solution of ammonium bromide and liq. bismuthi. In this concentration insoluble bismuth citrate is hydrolysed or "salted out" by the strong saline constituent. Warming the mixture precipitates it immediately. To minimise this, make the dose up to ℥ss. with aq. dest. and keep in a cool place. Even then, after about a week it precipitates slightly.]

Colour of Ung. Pot. Iod.

SIR,—Would you please let me know what the colour of ung. pot. ioid., B.P.C., should be? We always find that it turns brown, and what would you suggest in order that we could make a white ointment of it, if it should be that?

Yours truly,

O. H. M. (9/8).

[The cause of ung. pot. ioid. going brown is the liberation of iodine due to the lard either having been slightly rancid to start with, or becoming rancid later on. The iodine is partly free and partly recombined with the olein, etc. Potassium carbonate is added to the B.P.C. formula to neutralise acid. The lard is benzoinated to prevent rancidity. In theory, therefore, the formula is perfect. Assuming, however, that the lard was acid to start with, the addition of benzoïn (itself containing benzoic acid) was a bit liberal on the ground that it did not matter, then the amount of potassium carbonate, viz., 0.6 per cent., would be insufficient to neutralise all the acid, and unless the potassium iodide is on the alkaline side, even in simple solution, it will tend to liberate iodine. Furthermore, with oxidation the colour of benzoinated lard tends to darken by oxidation. It is advisable to use fresh lard, to benzoinate it when fresh, and, if necessary, to add a little additional potassium carbonate, as the ointment ought to be at most cream-coloured.]

Unstable Cremor Bismuthi

SIR,—We should be greatly obliged if you could let us have any suggestions regarding the keeping properties of cremor bismuth. alk. Each fluid drachm of this preparation is equivalent to 15 grains of the following powder:—

Sodii bicarb.	...	...	...	2 parts
Magnes. carb.	...	...	...	4 parts
Calcii carb.	...	...	...	4 parts
Bismuth. carb.	...	...	...	1 part

Complaints have been made for some time regarding the oxidising of this mixture, which goes black, and obviously deposits metallic bismuth, making it quite unsuitable for use. Other mixtures containing the same bismuth. carb. with the addition of sod. bicarb. do not have any trouble of this kind.

Yours faithfully,

C. F. T. (9/92).

[You do not state what adjuncts are used for flavouring, suspension or otherwise. Your cremor is hardly likely to be one where the four active ingredients are suspended in distilled water. As the mixture stands, your suggestion that reduction takes place with deposition of metallic bismuth is quite an impossible one. We are not acquainted with any combination of circumstances whereby metallic bismuth could be formed in an alkaline mixture. Even in an acid mixture the acidity would have to be fairly strong to get any reduction. Assuming that the mucilage, if any is used, becomes acid and produces reducing agents in presence of sunlight, the acid produced would be immediately neutralised by the sodii bicarb. We suggest that you examine each of the ingredients by the B.P. tests, especially the calcii carb., for iron or other metals; also go into the possibility of accidental extraneous contamination.]

Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

W. R. (21/97).—HAIR DYE.—Apparently the formula has been incorrectly transcribed. Silver dyes can be prepared to produce a range of shades from ash-blonde to black according to the strength of the solution. A 5 per cent. solution of silver nitrate may be taken as a maximum strength for a black dye; for lighter shades the proportion may vary from 2 per cent. or less upwards. The following is a formula for dyeing the hair brown:—

I			
Pyrogallie acid	...	...	30 gr.
Alcohol 90 per cent.	...	...	1 oz.
Distilled water	...	...	3 oz.
II			
Silver nitrate	...	...	30 gr.
Solution of ammonia	...	...	2 dr.
Distilled water	...	...	to 4 oz.

The ammonia should be added little by little, until the precipitate has dissolved. Thorough washing of the hair after dyeing with the silver dye is essential, in order to remove all traces of soluble matter which afterwards may be absorbed by the skin and set up irritation.

H. F. (9/92).—INCOME TAX.—The cost of alterations to the shop, being expenditure of a capital nature, is not allowed as a charge against profits in computing income-tax liability. Your best plan, if you produce a proper balance sheet and profit and loss account, is to charge the cost to an account such as "Furniture, Fixtures and Fittings Account," and then you may claim 5 per cent. wear and tear allowance by making such claim on your annual income tax return form. If you produce an account as aforesaid and submit a copy to the inspector of taxes, you should have no difficulty in getting this relief. It must be clearly understood, however, that the alterations can be said to affect the "fixtures and fittings" of the shop, such fittings being tenants' fittings and not those belonging to the landlord.

B. P. C. (20/95).—CATARRH SNUFF.—Snuffs for the treatment of influenza are generally prepared on the lines of the following formulas:—

I			
Menthol	...	...	dr. j.
Eucalyptol	...	...	dr. j.
Camphor	...	...	dr. j.
Pulv. cascariila	...	...	dr. liij.
II			
Ac. borici	...	...	3j.
Camphor	...	...	9j.
Adrenalini	...	...	gr. j.
Lycopodii	...	...	3ij.
Menthol	...	...	9ij.
Ol. eucalypti,	...	...
Ol. cinnam.	...	...	aa. ℥x.

G. E. P. G. (7/91).—SUNDAY TRADING.—In our view, under the Shops (Sunday Trading Restriction) Act the sale on Sundays of medicines and medical and surgical appliances by a drug-store proprietor as such is prohibited. In order to be entitled to sell such goods on a Sunday, it is essential that the sales should either (1) take place at premises which are registered under Section 12 of the Pharmacy and Poisons Act, 1933, or (2) be effected (whether as registered or unregistered premises is immaterial in this case) by a person who has entered into a contract with a National Health Insurance Committee for the supply of drugs and appliances (*see* Schedule 1 (g) of the Act of 1936). A proprietor of a drug store could only sell these goods on a Sunday if either of the above-mentioned conditions is fulfilled in his case. Even if he is entitled to sell these goods on a Sunday, he must observe the limitations on the employment of persons on the premises on Sundays contained in proviso (v) to Section 11 (1) of the Act of 1936. The position is otherwise with regard to the sale of tobacco and cigarettes. These goods may be sold on Sundays by anyone possessing the necessary tobacco licence (*see* Schedule I (i) of the 1936 Act); but the restriction with regard to the employment of persons on Sunday contained in Section 11 (1) of the 1936 Act will fully apply in such a case.

J. W. R. (9/92).—MEDICINE-STAMP DUTY.—There is no medicine-stamp duty in Northern Ireland. In Great Britain, medicines recommended for ailments must either be stamped with the proper stamp or have the formula disclosed on labels and cartons (if any), together with a disclaimer of proprietary rights. In the latter circumstances, they may be sold by chemists, including company chemists, departmental stores with a drug department in charge of a chemist, and the few other persons who are exempted from stamping by the Board of Customs and Excise. The Board permit makers or first vendors in Great Britain to consign in bulk unstamped medicines to an agent abroad.

J. H. S. (19/93).—POWDER FOR HÆMORRHOIDS.—Such are usually on the lines of compound liquorice powder, for which there are a number of formulas in "Pharmaceutical Formulas," Vol. I. The following is an alternative:—

Cinnamon	...	...	...	5
Fennel	...	...	...	5
Anise	...	...	...	5
Senna leaves	...	...	...	15
Cream of tartar	...	...	...	15

W. R. W. (21/97).—TABLET FOR BLOOD PRESSURE.—This consists of caffeine citrate, with a little starch and talc.

J. R. (21/98).—SLIMMING GUM.—A chewing gum for weight reducing might be made by incorporating extract of bladder-wrack in, say, 3-grain doses.

S. G. (20/96).—JAUNDICE IN DOGS.—This complaint can be of several types, and a correct diagnosis must be made before treatment can be properly applied. Sometimes a number of animals will be affected at one time, and then the cause may be traced to errors of diet or environment. Jaundice caused by the leptospira which sometimes affects dogs kept together in numbers is a very serious disease, and not many recover. Even the less serious catarrhal form needs something more than the indiscriminate use of drugs.

A. C. C. (9/92).—BLACK FOR CAMERAS.—Dead black for the interior of cameras, dark slides and lens tubes can be made by grinding lamp black or ivory black into a paste with japanners' gold size. If you particularly require the preparation made with acetone, we suggest the use of a spirit-soluble aniline dye. A formula for dead black is given in "Pharmaceutical Formulas," Volume II, p. 823.

R. F. (16/93).—BLEACHING SAUSAGE SKINS.—Sausage skins are bleached by soaking first in a solution of alum (1 oz. to 5 gall. of water), then in clean water, and finally in a preservative bath containing 10 per cent. of solution of calcium bisulphate. It is the alum that acts as a bleaching agent. Soaking in lime water is also employed for the same purpose.

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," October 30, 1886

A Risk for Chemists

The manager of one of the principal dispensing establishments in the centre of this city [Glasgow] was called upon by a customer one morning lately at 3 a.m., who entreated him to get something for a baby which had been suddenly seized with convulsions. The manager proceeded to the shop, and began to make up the medicine, when he was interrupted by the entrance of a couple of policemen, and ignominiously run in on a charge of housebreaking. On hearing his explanations the authorities at the police office insisted on detaining him until the proprietor of the shop was communicated with. A cab was sent for that gentleman, and on his arrival the character of the "culprit" was of course cleared. But the authorities declined to set him at liberty until he had paid 4s. 6d. for the cab.

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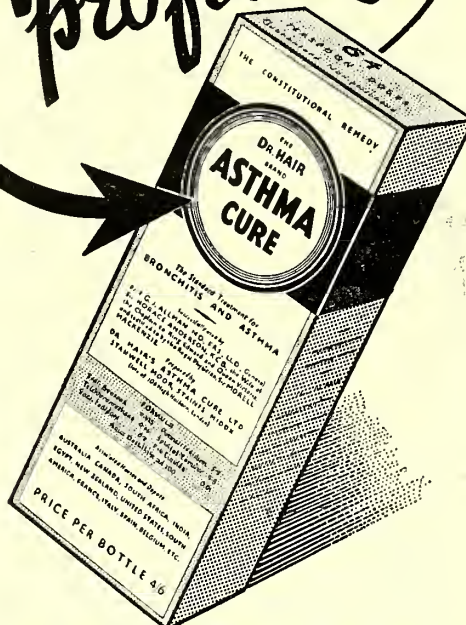
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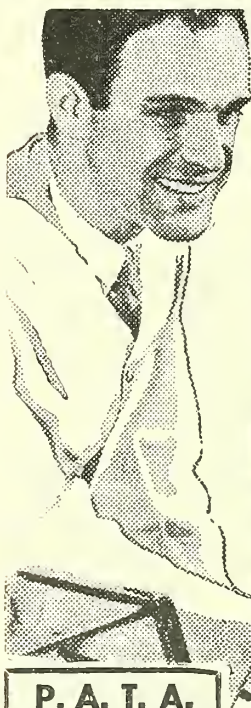
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Ever increasing its reputation of 40 years, Box's Pils should be one of your STAPLE lines.

A compact display is provided for counter or in window which produces good results immediately and inevitably.

SALES-MAKING DISPLAYS FREE ON REQUEST.

**BOX'S
INDIGESTION
PILLS**

**P. A. T. A.
LIST**

**1/3 3/-
5/- 22/-**
RETAIL PRICES

W. H. BOX

161 KING STREET - PLYMOUTH

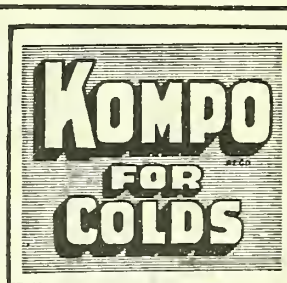
**SPECIALISTS IN THE MANUFACTURE OF
SOLUBLE MEDICINAL CAPSULES**

BULK OR PACKED

**CROWN
CAPSULE
COMPANY**

PHONE
356

Helensburgh



**Wholesale
Prices**

1/3 Size
11/6 per dozen net

3/- Size
27/6 per dozen net

Carriage Paid Gross Quantities
or equivalent.

Manufactured only by

**J. F. WHITE & CO., Chemists
BENSON STREET, LEEDS.**

Counter Bills free on application.



— there are no
“false pretences”
about
DŌ-DŌ

WORLD'S PRESS NEWS, Oct. 22, 1936.

THE public through the unscrupulous tactics of certain patent medicine advertisers is being hoodwinked.

Look back to May last, when the new Poisons Regulations came into force, for the cause.

On the first of that month it became illegal to sell remedies with various poison contents without a cautionary notice. Many formulæ were barred altogether.

Result: several patent medicine formulæ were changed, and the effectiveness of the relief definitely impaired; yet advertised claims for these preparations remain the same.

Note: The World's Press News is a leading newspaper journal, closely in touch with the various organizations controlling the advertising business.

Needless to say, the reference in the *World's Press News* (see alongside) did not refer to DO-DO (brand) Asthma Tablets. The significance of this clearly inspired paragraph will not be lost upon the Chemist, who will hesitate to stock any line, the advertising of which may be the subject of a concerted ban by the newspapers.

These are the FACTS about DO-DO :

(1) Since its introduction, the formula has been changed **ONCE** only, on May 1st last, and in one particular—the substitution of a new drug for Amidopyrine.

(2) To all intents and purposes, the formula has remained **identically** the same throughout. The new drug has all the therapeutic value of Amidopyrine, but with none of its disadvantages.

(3) The amount of active, curative medicament in **DO-DO** has never at any time been reduced. This is most important.

(4) The single change in the **DO-DO** formula, when made, was advertised freely and openly to Chemists, and to the Medical Profession, through *The Lancet* and *The Practitioner*.

(5) It was, in the case of **DO-DO**, absolutely unnecessary to cloak the change of formula by the use of a patent medicine stamp; nor has **DO-DO** since been abandoned as an advertised line (leaving unsold stock on chemists' hands) and another preparation put forward in its place.

(6) All testimonials currently published in **DO-DO** advertisements are dated, and the dates are subsequent to May 1st, 1936.

(7) The closest investigation of all claims made for **DO-DO**, by the recognised bodies safeguarding the ethical standards of the Pharmaceutical, Medical and Advertising professions, is welcomed.

By stocking **DO-DO** (brand) Tablets and recommending them to your asthmatic customers, you are doing the best thing possible for them, for yourself, and for the dignity and integrity of the proprietary medicine business. If you have not had Free Samples of **DO-DO** for distribution, write today.

**INTERNATIONAL
LABORATORIES Ltd.**
30-42 Smedley St., London,
S.W. 8



"CLARKES"

Brand

World-famed Blood-purifying Medicine

"BLOOD MIXTURE"

Registered Trade Mark

UNSTAMPED, FOR SALE BY CHEMISTS ONLY

P.A.T.A. PRICES**"CLARKES" Brand BLOOD MIXTURE**
(Liquid and Tablets)Retail 3/-. 3 doz. lots £4-4-0 less $3\frac{3}{4}\%$ one month12 " " £16-16-0 " $8\frac{3}{4}\%$ " "

CARRIAGE PAID

PACKING FREE

ASSORTED ORDERS

"CLARKES" Brand			Retail	Per Doz.
"BLOOD MIXTURE" (Liquid)			1/9	16/4
"	"	"	3/-	28/-
"	"	"	12/-	112/-
"BLOOD MIXTURE" (Tablets)			1/9	16/4
"	"	"	3/-	28/-
"	"	"	5/-	46/8
SKIN LOTION	...	...	1/3	11/8
SALVE	...	...	1/3	11/8
"	...	...	3/-	28/-
"	...	...	5/-	46/8
APERIENT PILLS	...	...	1/3	11/8
"	...	...	3/-	28/-
MEDICATED SOAP				Doz. Tablets
Box 3 Tablets	...	...	2/6	7/10
Single Tablets	...	...	1/-	

Orders may be assorted as desired at above rates provided they reach minimum values, as follows:—

£4 - 4 - 0 less $3\frac{3}{4}\%$ one month£16 - 16 - 0 " $8\frac{3}{4}\%$ " "

CARRIAGE PAID

PACKING FREE

ORDERS may be sent direct or through the usual
wholesale houses**The Lincoln & Midland Counties Drug**
COMPANY, LIMITED**PARK STREET, LINCOLN**

Telegrams: "Lindum, Lincoln" Telephone: Lincoln 55

HORMOTONE "T"

A New

G. W. Carnrick Co.

Product

TABLETS FOR
ORAL ADMINISTRATION
PACKED IN 20's
AND 40's**BROOKS & Warburton Ltd.**

232-240 VAUXHALL BRIDGE ROAD, S.W.1

OVER

★ 5,000 DOCTORS and
★ MILLIONS OF ADVERTISEMENTS

are saying—

"—TAKE

CURICONES**The famous
Anti-Rheumatic Remedy****OBTAINABLE FROM YOUR
CHEMIST**Profit from this support. Stock
and display "Curicones." Retail
prices: One bottle 5/-. Three
bottle package 14/-. Six bottle
package 24/-. Write now for
full particulars**STEPHEN MATTHEWS & CO. LTD.**

Manufacturing Chemists

19/21 Farringdon Street, London, E.C.4

SLOANS BRAND LINIMENT

TRADE TERMS
(UNSTAMPED PACK)

LINK UP WITH
NATIONAL
ADVERTISING

SLOANS BRAND LINIMENT	List Price 1 Dozen at per doz.	6 Dozen at per doz.	12 Dozen at per doz.
1/9 SIZE	15/9	15/-	14/6
CARRIAGE PAID ON 6 DOZ. AND OVER			

DISPLAY THE
ATTRACTIVE
SHOWCARDS

— and make it your Record Season

SLOANS BRAND LINIMENT is in continuous demand, and every year shows an increase in sales. Large space National Advertising, attractive showcards in colour, assure you of regular and consistent business.

Sole Distributors for Sloans Brand Liniment :

WILLIAM R. WARNER & Co. Ltd., 300 Gray's Inn Road, LONDON, W.C.1

'Dettol' destroys the germs

ALTHOUGH deadly to germs, 'Dettol' is gentle to tissue, and can be used at really effective strengths without danger (for dilution see directions). It thus possesses marked superiority over carbolic and cresylic antiseptics. The Rideal Walker test proves 'Dettol' to be three times more efficient than phenol, or half as strong again as B.P. solutions of cresols with soap. 'Dettol' is non-poisonous, non-staining and has an agreeable odour.

'Dettol' — most attractive in appearance and packing — sells at a reasonable price — 4 ozs. for 1/- and 16 ozs. for 3/- and larger sizes for medical and hospital use.



'DETTOL'
TRADE MARK

THE NEW ANTISEPTIC

BECKITT AND SONS LTD. (PHARMACEUTICAL DEPT.) HULL
LONDON: 40 BEDFORD SQUARE, W.C.1

FOUR GOOD LINES

TAMAR
INDIEN
GRILLON

Known for fifty years as an excellent fruit laxative. It has been constantly advertised, and advertisements are now appearing in selected high-class media.

Dr. Jaillet's
PEPTO-FER

Sold throughout the world as a tonic for convalescents and sufferers from all kinds of anæmia.

RIGOLLOT'S
MUSTARD
LEAVES

Have long been universally famous. They are mustard plasters of exceptional strength and quality.

RIGOLLOT'S
MUSTARD
(for veterinary
purposes)

Used in the French Army, and approved by the veterinary schools of England, France, Belgium, Switzerland and Italy.

All enquiries (except for Pepto-Fer) to :—

GUYOT-GUENIN & SON (Dept. C.D.)
59 Southwark Bridge Road, London, S.E.1.

For Pepto-Fer, please write direct to :—

Dept. C.D., DARRASSE FRÈRES,
13 rue Pavée, Paris IV, France.

THE WORD

SPUN

REGISTERED TRADE MARK

IS A GUARANTEE THAT THE PREPARATION IS
THE FINEST OF ITS KIND IN THE WORLD

OINTMENTS AND CREAMS
OF EVERY DESCRIPTION

Telephone : Hop 2422
Telegrams :
"USHENSPUNA,
LONDON."

**SHEN WORKS,
TOWERBRIDGERD.
LONDON, S.E.1**

ROBERT BLACKIE

TABLETS and CAPSULES

COMPRESSED TABLETS

We can quote you very favourable prices for
bulk or packed tablets of every description.
Ask us for samples and prices.

We specialize in the manufacture of all
kinds and shall welcome enquiries.



LOFTHOUSE & SALTMER LTD. — HULL

URICURE TABLETS

The greatest of all Rheumatic remedies

A LINE THAT ONLY CHEMISTS CAN SELL

1/3 size, 7/-; 3/- size, 17/6; 5/- size, 25/- per doz.

The Acton Pill & Tablet Co. Ltd., Ash Vale, Surrey

GLYCERINE

The Purest Quality on the Market. Produced by
THOMAS HEDLEY & CO. LTD., TRAFFORD PARK
Chemically Pure B.P. Industrial White. Pale Straw.

Sole Distributors:

FREDK. BOEHM LTD., 17 Jewry Street, London, E.C.3.
and 140 West George Street, Glasgow.

Antiphlogistine
Brand Dressing

HUMAN & VETERINARY
MADE IN ENGLAND

Write for Special Quantity Terms

The Denver Chemical Mfg. Co., Carlisle Road, London, N.W.9

Chas. F. Thackray Ltd.
LEEDS*Solicit enquiries & orders for***GLOBULIN** *Lederle* **MODIFIED****Solution Liver Extract for
Intramuscular Injection**

* FULL INFORMATION AND LITERATURE ON APPLICATION
TO SOLE DISTRIBUTORS CHAS. F. THACKRAY LTD., LEEDS
OLD MEDICAL SCHOOL, LEEDS

Compound Syrup of Hypophosphites**TRADE “FELLOWS” MARK**

The ideas supported by the medical world today on the therapeutic value of calcium and other mineral salts, were embodied 60 years ago in “FELLOWS.”

The only preparation of its kind then, “FELLOWS” still stands alone for its tonic qualities in the treatment of rundown conditions of health and the many forms of anaemia and nervous ailments which so often result.

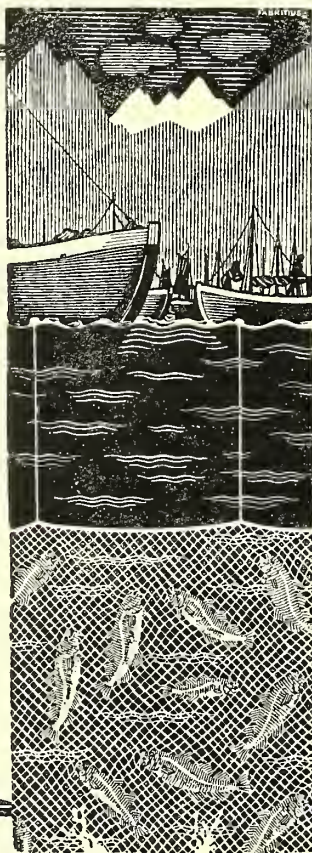
It stimulates the appetite, aids digestion, and is valuable as a stimulant and tonic to overcome mental and physical exhaustion; and as an aid in combating the invasion of the Tuberculous Processes.

“FELLOWS” has never been successfully imitated.

FELLOWS MEDICAL MANUFACTURING CO., Ltd.
286 St. Paul Street West, Montreal, Canada.

Laboratories:

UNITED STATES	GERMANY	ITALY	SPAIN	MEXICO
ROUMANIA	ARGENTINE	REP. COLOMBIA	AUSTRALIA	NEW ZEALAND

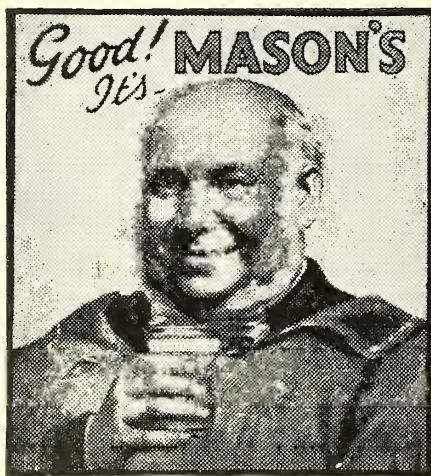


For grown-ups and children Norwegian Cod Liver Oil is the very best bulwark against infections and the most effective weapon for fighting an impaired organism and illness.

NORWEGIAN COD LIVER OIL

WORLD-RENOVED FOR QUALITY

**MASON'S EXTRACT OF HERBS
WINDOW SHOW TERMS
ARE NOW AVAILABLE**



Apply for Illustrated Particulars to
NEWBALL & MASON LTD. - NOTTINGHAM

ALL CHEMISTS SHOULD STOCK

ABDINE

THE GOLD MEDAL HEALTH DRINK. Quick Seller. Big Profits. Over 60 years' Reputation. "Abdine" is obtainable from the Wholesale Houses. Attractive Display Material constantly available.
DUNCAN McGLASHAN LTD., ABDINE WORKS, WESTFIELD RD., EDINBURGH

"VITAMIN TESTED YEAST"

Yeast specially prepared for medicinal purposes
GUARANTEED ABSOLUTELY PURE
MIDGLEY & PARKINSON, LTD.
Warren Works, Pudsey, LEEDS

For Coughs, Colds,
Influenza,
etc.

"ZEMS" 6^{D.} PER BOX
HERBAL LIQUORICE TABLETS
STOCKED BY ALL LEADING WHOLESALE
Prepd. by **ZEMS LTD.**
GLADSTONE LABORATORIES
113 PARK AVENUE,
WILLESSEN GREEN, N.W.10

Pave the way for Record Sales !

An entirely new remedy for Indigestion, Colds, Neuralgia, Rheumatism, and a wonderful "Pick-Me-Up"

"Alka-Seltzer" Brand Tablets contain entirely new remedial properties. For the first time in history a way has been found to combine Sodium Bicarbonate, Citric Acid and Acetyl-Salicylic Acid, in stable form in an effervescent tablet. Dropped in half a glass of water an "Alka-Seltzer" tablet makes a refreshing, palatable, sparkling drink.

For countering excess acidity its effect is remarkable. It stops Headaches, Neuralgia and Rheumatic Pains in a few minutes. It is very valuable for Colds, and is astonishingly effective as a morning Pick-Me-Up after over-indulgence.

For the moment "Alka-Seltzer" Tablets are being advertised in a few districts, but the campaign is being extended rapidly and soon it will be nation-wide. The chemist who stocks "Alka-Seltzer" now will have the nucleus of a trade that will grow enormously.

If you are interested, write for full particulars of "Alka-Seltzer" Tablets, price list, display discounts, etc.

SOLE DISTRIBUTORS
DON S. MOMAND LTD.,
10 15, CHITTY STREET, LONDON, W.1.

"Alka-Seltzer"

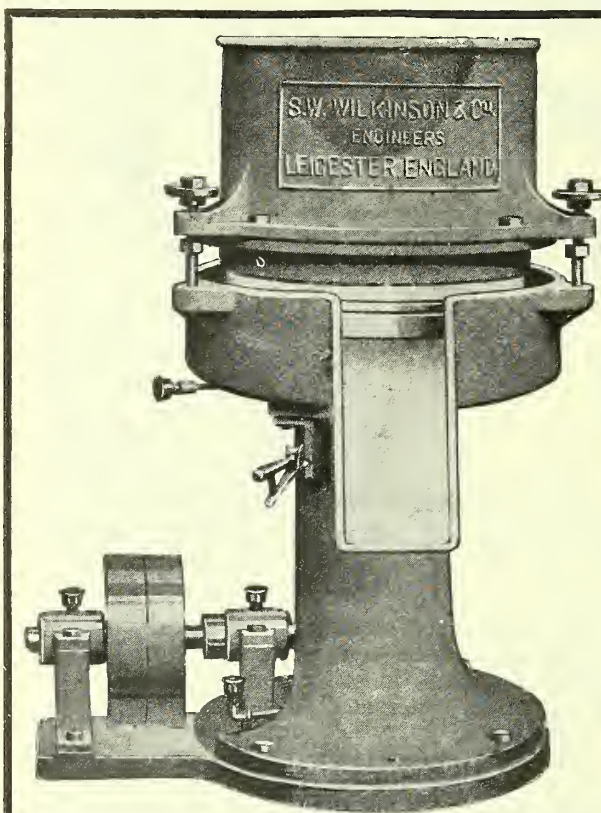
Brand
Effervescent Alkalizing & Analgesic Tablets

The Miles Laboratories Inc., manufacturers of "Alka-Seltzer" Tablets, are known throughout America as staunch friends of the pharmacist and as equally staunch upholders of the principles of fair profits and fair trading. They stand behind every sale of "Alka-Seltzer" and chemists are authorised to refund without question the full purchase price of the first bottle if ever requested to do so.



Retail Prices
1/3 & 2/6

Full P.A.T.A. terms



The Latest Triumph in OINTMENT MILLS

SUPER SPEEDY MILL

IN REGULAR USE ALL OVER THE WORLD

THIS Machine is a combined Mixer and Grinder and is used very successfully in the production of all kinds of Ointments, Tooth Pastes, Beauty Creams, Patent Foods, etc.

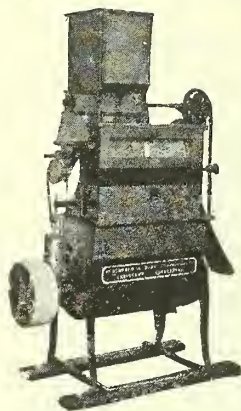
Each Machine incorporates Thirty Years' Accumulated Experience

S. W. WILKINSON & Co.

*Chemical Engineers and Specialists in
Pharmaceutical Machinery*

Western Road, LEICESTER

YOUR OWN



BRAND OF TOILET and COSMETIC POWDERS

will be of the highest quality, cost less and yield a bigger profit, when they're made with this machine. Ideally suited to the needs of the smaller maker of druggist and beauty specialists' requirements, it gives the finest smooth-textured powders, perfectly flavoured, scented or coloured by means of the patent sprayer, and mixed with absolute uniformity, however intricate the formula employed.

The GARDNER

**AUTOMATIC FEEDER & QUICK CHANGE POWDER
DRESSER Combined with Patent "Rapid" Mixer
and Sprayer**

WM. GARDNER & SONS (Gloucester) LTD.

Bristol Road, Gloucester

London Office: 19 Gray's Inn Chambers, 20 High Holborn, W.C.1

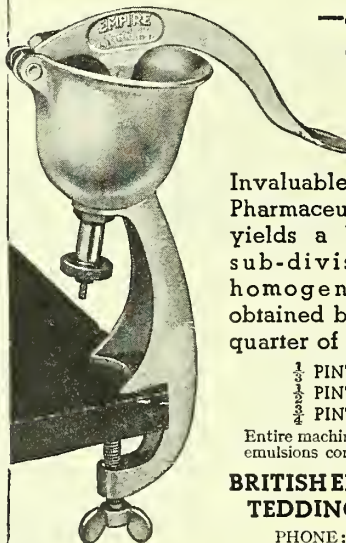
Telephone: Chancery 7347

Telephone 2288

Telegrams: "Gardner, Gloucester"

THE EMPIRE EMULSIFYING MACHINE

**—easily and
quickly cleaned**



Invaluable for the making of Pharmaceutical Emulsions—yields a higher degree of sub-division and better homogenisation than is obtained by hand and in one quarter of the time.

1 PINT SIZE.... 8/6
PINT SIZE.... 12/6
PINT SIZE.... 17/6

Entire machine Chromium Plated (for emulsions containing ALKALI) 25/-

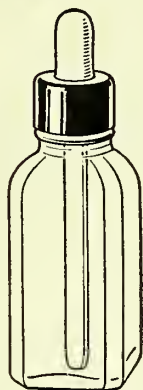
**BRITISH EMULSIFIERS LTD.
TEDDINGTON, MIDD.**

PHONE: MOLESEY 1202/3

TOOGOOD'S

(NO. 6368)

DROPPING BOTTLES



ENGLISH MADE.

SUPER QUALITY.

AMBER GLASS.

FITTED BROWN BAKELITE CAP,

BROWN TEAT AND GLASS TUBE.

SUPPLIED WITH OR WITHOUT BOXES.

FULL PARTICULARS FROM

WILLIAM TOOGOOD LIMITED

77 SOUTHWARK STREET, LONDON, S.E.1

Armstrong's

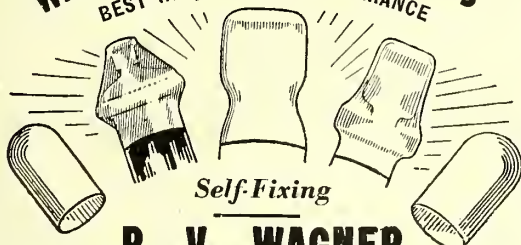
TAPER  CORKS

ARMSTRONG CORK CO. LTD.,
ALDWYCH HOUSE, LONDON, W.C.2.
HOLBORN 9884/7 and HOLBORN 7503/5

NOW BRITISH MADE

WAGNER'S DRY BOTTLE CAPS

BEST IN QUALITY & APPEARANCE



R. V. WAGNER

33 BROOKE ST., LONDON, E.C.1 Tel. Holborn 5090

CORKS

STOPPERS, ETC.

WHOLESALE & EXPORT.

Send us your enquiries
and compare our prices.
We manufacture corks
of every description.

Established 1844

C. OLLEY & SONS, LTD.

Camperdown St. & Great Alie St., London, E.1.
Telephone : Royal 2868. Telegrams : Circumference, Edo, London.

METALLIC CAPSULES

for all kinds of bottles, etc.

The Tonkin Metallic Capsule Co.
Proprietors : C. Olley & Sons Ltd.



**FOR HE'S A
JOLLY GOOD
SELLER!**

Durex

TRANSPARENT PROTECTIVES

And he is very pleased about it too. So are more than eight thousand British chemists who have found that the one best way to increase their sales of contraceptives is to concentrate on DUREX.

A BRITISH PRODUCT SUPPLIED ONLY TO CHEMISTS & DRUGGISTS

Send for samples (gratis) to

THE LONDON RUBBER COMPANY
Elarco House, 221 Old Street, London, E.C.1

Telephones :
CLERKENWELL 3888-3889

Telegrams :
"ORUBELARCO," LONDON

Factory: HACKNEY, LONDON, E.9



The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

OCTOBER 31,
1936

28 ESSEX STREET, LONDON, W.C. 2

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for **DISPOSAL, PREMISES TO LET** and **FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS FOR SALE and AGENCIES**—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

SITUATIONS OPEN—6/- for 40 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

SITUATIONS WANTED—2/- for 18 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, 1/3 per nonpareil line (12 lines = 1 inch single column). (Box No., 1/- extra.)

MISCELLANEOUS (Wholesalers' Section for odd and second-hand lots)—10/- for 60 words; 1/- for every additional 10 words or less. (Box No., 1/- extra.)

EXCHANGE COLUMN (for Retailers, etc.)—**Twopence** per word, minimum 2/- (Box No., 1/- extra.)

REPLIES FROM ADVERTISERS—1/- per line; 3 lines 2/6.

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2
Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Strand, London."

CLOSING FOR PRESS

must reach us
not later than

FIRST POST THURSDAY MORNING

All advertisements intended for
insertion in this Supplement

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846

Telephone Nos.: CITY 2283 & 7477

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—**HEREFORDSHIRE**.—Old-established Business situate in good position in busy modern town; returns average over £2,400 per annum; reasonable rental; spacious living accommodation; stock and fixtures estimated to be worth £1,300; price £1,700.

2.—**HARROW (NEAR)**.—Ill-health cause of sale of progressive Good-class Business; takings for year just completed £1,408 under management; gross profit £531; nice living accommodation, possession of which could be obtained if required; very attractively fitted shop, well stocked; price £900 all at or near offer or valuation terms entertained.

3.—**HOME COUNTY**.—Good Middle-class Retail Business situate in growing area; takings this year will be £1,550 approximately; excellent profits; attractive shop very nicely fitted and well stocked; net profit about £400 per annum; modern living accommodation with central heating; price of business £750, including stock worth about £500; price of freehold premises £1,750.

4.—**HERTFORDSHIRE (DEATH VACANCY)**.—Genuine Business for sale owing to death of proprietor; much neglected owing to illness; present takings £16 per week; double-fronted shop, nicely fitted and stocked; good house; private entrance; held on lease; immediate sale desired; part payment terms entertained; stock and fixtures worth £400-£450.

5.—**MIDDLESEX (GOOD-CLASS SUBURB)**.—For sale owing to death of proprietor, General Retail Business offering scope for increase; present takings £11 per week; good living accommodation; new lease at reasonable rental; nearest offer over £300 obtains.

6.—**FOREST GATE (NEAR)**.—Middle-class Retail Business with Panel; net profit nearly £7 per week; good living accommodation; increasing turnover; long lease; valuable stock and fixtures; price all at £750 or near offer; ill-health reason for sale.

7.—**BECKENHAM (NEAR)**.—Chemist Business with side line; takings average £13 per week; excellent profits; double-fronted shop; stock and fixtures worth about £450; rent £100 per annum; price all at £600 or near offer for immediate sale.

8.—**LONDON, S.W. (DEATH VACANCY)**.—General Retail Business with Photographic, etc.; old established; returns present rate £15 per week, have been over £20 per week; net profit £5-£6 per week; premises situate in good position; new lease at very reasonable rental; garden; price all at £450 or near offer, or valuation terms entertained.

9.—**SOUTH-EAST COAST**.—Summer Retail Business for sale (only opens six months in year); takings £1,400-£1,500 under management; substantial stock; nice fixtures and attractive shop front; premises can be purchased or leased at £150 per annum; further details upon application.

10.—**ERITH (NEAR)**.—Middle- and Working-class Business; takings last year £1,109; net profit £374; stock worth between £275-£300; living accommodation; very low rental; price all at £500 or near offer, or £150 for the lease and goodwill plus stock and fixtures at valuation.

11.—**BOURNEMOUTH (RETIREMENT VACANCY)**.—Very old-established Retail Business for sale; in present hands 43 years; net profit averages £270 per annum; scope for increase; valuable stock and fixtures; price all at £450.

12.—**BIRMINGHAM**.—Must be sold forthwith, General Retail Business run under management; takings £14-£15 per week; good profits; very nice living accommodation; stock and fixtures worth about £550; rent only £40 per annum; price asked £650 all at or near offer.

13.—**KENSINGTON (NEAR)**.—High-class Retail Business situate in excellent position; turnover for last financial year approximately £1,600; this year will be much more; stock and fixtures worth £700-£750; long lease; reasonable price; further details upon application.

14.—**LONDON, S.W.12**.—Good Middle-class Business situate in excellent position; takings for last completed year over £1,750; beautifully fitted shop very well stocked; stock and fixtures worth about £825; rent £110 per annum; sublets amount to £84 per annum; further details upon application; reasonable purchase price.

15.—**SOUTH WALES**.—General Retail Business with Photographic, Seeds, Wine Licence, etc.; old established; takings last year £2,730; gross profit 37 per cent.; nice living accommodation; reasonable rental; value of stock and fixtures only will be accepted or alternatively £1,100; net profit about £500 per annum.

16.—**EASTERN COUNTY**.—General Retail Business for sale in fair-sized town; old established; neglected returns £10 per week at present; stock worth about £350; nice living accommodation; rent under £1 per week; price £425 all at or near offer.

17.—**CHINGFORD (NEAR) (RETIREMENT VACANCY)**.—General Retail Business taking over £1,000 per annum; good profits; comfortable living accommodation with bathroom, etc.; price all at £350; part payment terms entertained.

18.—**SOUTH NORWOOD**.—Old-established Business for sale with sub-Post Office; average net profit for last three years £397; living accommodation; rent only £46 per annum; price £500 all at or near offer or valuation terms entertained.

19.—**LONDON, N.W. (GOOD-CLASS SUBURB)**.—Light Retail Business with sub-Post Office; net profit about £200 per annum; very nice modern living accommodation; good prospects; the stock and fixtures are worth about £400; price all at £500 or valuation terms entertained; ill-health reason for sale.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

ERNEST J. GEORGE & Co.

Bank Chambers, 329 High Holborn, London,
Telephone Nos. : Holborn 7406 & 7407 (2 lines) **W.C.1**
15 Bridge Street, Walsall Telephone : Walsall 3774

Lancashire and District Representative : Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone : Great Moor 2405

Correspondence, mutually confidential, is invited from prospective purchasers of the following businesses at present available for purchase.

(C1) **MIDDLESEX.**—Two middle-class businesses with excellent future prospects, now doing at the rate of approximately £2,500 and £2,000 per annum respectively; living accommodation available in both instances; joint sale preferred, but separate negotiations entertained; prices by arrangement; would make an excellent investment for anyone open to consider the purchase of two such propositions, as they are very conveniently situated from the point of view of supervision, etc.; Bankers' references required.

(C2) **HENDON (NEAR).**—Unopposed Pharmacy situated in shopping parade of populous residential district; increasing returns, at present at the rate of approximately £2,500 per annum; modern flat above (optional); new 21-year lease will be granted; price £1,500.

(C3) **CHESHIRE.**—Middle-class business with definite scope and prospects for considerable further development; present returns at the rate of approximately £1,250 per annum, and steadily increasing, despite the fact that the owner is already partly retired; rent £70; price £600, including stock approximately £300.

(C4) **BAYSWATER (NEAR).**—Good-class family business, occupying main position; turnover approximately £2,200 per annum, with definite scope for further development; well stocked and fitted; very reasonable overheads; price approximately £2,000; Bankers' references required.

(C5) **BRISTOL, SUBURB.**—Old-established high-class dispensing business, with scope for considerable development under personal proprietorship; turnover upwards of £2,000 per annum; premises well situated; price approximately £1,300 all-at.

(C6) **HIGHBURY.**—Old-established family and dispensing business, which offers scope for considerable expansion under energetic, up-to-date ownership; the business has in the past done a turnover of between £2,000 and £2,500 per annum; premises situated in populous middle-class district; rent more than covered by sub-let; price £550, or near offer, representing approximate value of stock and fixtures only.

(C7) **WALTHAM CROSS (NEAR).**—Middle-class business occupying main road position in growing residential district; steadily increasing returns, which are now at the rate of approximately £1,800 per annum; very reasonable rental; living accommodation; price £1,000 all-at.

(C8) **YORKSHIRE (WEST RIDING).**—Recently established lock-up Pharmacy, with modern frontage, situated in suburb of leading city; returns at present average approximately £18 per week; low rental; excellent prospects, particularly as the lease contains a monopoly clause; genuine reason for selling; price to comprise value of stock and fixtures only.

Valuations for transfer, probate, income tax, etc., promptly executed at economical rates. Agency for locums, managers, etc.

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3.—**MANCHESTER.**—Good-class suburban Retail; main-road position; returns £1,100; gross profits £440; modern Pharmacy, with flat over; price for speedy sale £400 or near offer; less than valuation.

4.—**BOURNEMOUTH.**—Old-established Business with valuable Proprietaries; returns £950, under manager; scope for increase; rent covered by sublets; net profit £272; owner retiring; price £450 or valuation; half purchase-money can remain.

5.—**BERKSHIRE.**—Middle-class Business in residential district; returns under manager £1,100; good profits; scope for increase; corner shop with house attached; owner retiring; price £550 or offer.

6.—**BUCKS.**—Unopposed village Business, returning £875 under female management; rent £52 clear, on lease; lock-up shop; good working stock; price £350.

7.—**LONDON, S.W.**—Good-class family Business, in unique position; returns approach £3,000; scope for further increase; attractive modern Pharmacy, with flat over; price £2,250; further details on receipt of banker's reference.

8.—**LONDON, W.2.**—Well-established light cash retail, main road position; returns nearly £1,900; net profit £500; audited accounts; well-fitted and stocked; price £1,150.

9.—**LONDON (Essex suburb).**—Light cash Retail, with N.H.I. and photo; returns over £1,800, increasing; no immediate opposition; house attached; moderate rental; fully stocked; price £950.

10.—**KING'S CROSS (Near).**—Well-established working-class Retail, with good N.H.I.; present returns £750/800; net profit £5-£6 weekly; lock-up shop; rent 18s. 6d. week, inclusive; price £150.

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EALING.—Well-established middle-class Retail Cash Business, double-fronted shop; well stocked and nicely fitted; returns average £45 per week; Kodak Agency; capable of development; long lease at £300 per annum; offers invited. 289/487, Office of this Paper.

ESSEX Country Town.—Neglected Drug Store; average takings over £16 per week; rent £50 per year, sublet £52; shows good profits; a certain opportunity to a live man; fixtures, stock and goodwill, £300 or very near offer. 145/17, Office of this Paper.

GLAMORGANSHIRE.—Takings £1,250, and rapidly expanding; densely populated locality in large town; commodious premises on lease; most excellent opportunity for young man with enterprise; only disposing through exceptional circumstances; auditor's figures. 142/6, Office of this Paper.

KIRBYMOORSIDE, YORKS.—For sale as going concern, Sound Business; country district; good living accommodation; average turnover, £2,000 per annum. Apply, Tebb, Beevers & Co., 15 Park Row, Leeds, 1.

MANCHESTER (5 miles from city).—At present as a branch shop conducted under management; return, including Optics, over £1,400, showing good profits; situated on main road; growing district; rental £65, with option of lease; price £600. 145/37, Office of this Paper.

SCOTLAND.—Chemist's old-established Business for Sale in West Fife; opportunity for energetic young man; modern fittings; good clean stock; low rental; genuine enquiries only. Macdonald's North End Pharmacy, Kelty, Fife.

STAFFS.—Drug Stores; excellent D. and P. and Toilet trade; good opening for Qualified Chemist. M. P. Ferneyhough, Incorporated Accountant, Longton, Staffs.

SURREY.—Newly established Chemist's Business; good premises held on lease, with 13 years to run, at £52 per annum; well fitted; returns average £35 per week; stock approximately £630; offers invited. For full particulars apply 289/488, Office of this Paper.

SURREY.—Profitable Cash Retail and Dispensing Business; returns £1,400; well established; easily worked; no opposition; rent £65 (sublet £39), rates £21; well stocked; price, £1,000; new lease would be granted or property (freehold) purchased for £900. 144/1, Office of this Paper.

SURREY.—Splendid opportunity for Qualified man; old-established Pharmacy (1867); now run successfully as a Drug Stores; price asked very low; a genuine bargain; sound reasons for disposal; D. and P. and Kodak Agency; splendid opening for N.H.I. Dispensing. 145/15, Office of this Paper.

WEMBLEY.—Family Retail Business; established about 4 years; well stocked and fitted; double-fronted shop with two rooms at rear; lease 4 years, at £175 per annum, increasing to £200, then £220; offers invited. 289/486, Office of this Paper.

CASH CHEMISTS.—Sound old-established business midst the Multiple Shop Companies in busy Market Town; under 40 miles London; returns about £3,000 per annum; illness sole cause selling. Bona-fide buyers only write, "Confidential," 289/494, Office of this Paper.

NEAR Southport.—Good-class Business in shopping district; lock-up corner shop (small); overheads approximately 35s. per week, including rent, rates, etc.; returns average £13 per week; price £350, including stock £250, fittings and fixtures; established three years; suit recently Qualified young man; good reasons for disposal. 145/49, Office of this Paper.

OLD-ESTABLISHED Chemist-Optician Business for Sale; near Bolton; comprises shop and living accommodation, with garage; situated on main road; Kodak and Selo Agencies; turnover £1,200; rent £40; rates £23; long lease granted, with option to purchase premises; low price for quick sale. Apply Chaloner, Southholme, Laverton Road, St. Annes-on-Sea.

BUSINESSES WANTED.

6s. for 50 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

M.P.S. **REQUIRES** well-established Dispensing, middle-class, Business immediately, London or near; Optics not essential; turnover not less £2,000 per annum; would consider temporary partnership with view to entire possession. Reply, giving full details if satisfactory audited accounts required (private advertisement, no agents), 289/502, Office of this Paper.

REQUIRED.—Well-established Profitable Business, with living accommodation; London area or south of Thames; cash £400-£500; larger concern entertained by part payment; would accept management with view to early succession or financial interest. Please address full particulars "Chemist," 5 Collindale Avenue, Sidcup.

PREMISES FOR SALE.

WORTHING.—Situated in only shopping centre in district serving vast and fast-expanding residential area; main London Road; bus route; opportunity for enterprising Chemist; £1,300 freehold, with accommodation, to complete parade. Apply Jeffery Houses, Ltd., 26 Chapel Road, Worthing.

PREMISES TO LET.

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HOUNSLOW WEST.—Bath Road; Shop 20 ft. by 30 ft., with excellent living accommodation over; situated in smart new parade in the midst of extensive housing developments; fitted and equipped regardless of cost and ready for immediate use; rent, £200 per annum, rising to £250, or price £2,300 (lease 999 years). Full details of Roper, Son & Chapman, 162 High Street, Hounslow.

RUSTINGTON (near Littlehampton).—New Shops to Let, fast growing residential area, with or without living accommodation; corner main-road position; meeting immediate demand; excellent opening for Chemist; three left only; rents from £90 p.a., exclusive. Full details, Onslow Estates (Worthing), Ltd., 13 Liverpool Gardens, Worthing.

UXBRIDGE; (HIGH STREET).—Excellent trading position small shop with front already fitted, and upper part of 4 large rooms; to let on lease at low rent of £100 per annum, without premium; full particulars of Hillier, Parker, May & Rowden, 27 Maddox Street, W.1., Tel.: Mayfair 7666.

CHEMIST.—Splendid opening in block nearing completion, Good-mayes; exclusive position; literally surrounded by houses away from competition; good shop with two-floor flat above; £100 a year to start. Apply to owner, Mr. H. H. Dartnall, High Stone, Leytonstone.

CHEMIST urgently required to take shop and upper part in new parade at Slough; excellent opportunity. H.S.P. Ltd., 15 Stratton Street, W.1.

EXCELLENT opening for Chemist in North-East Worthing; good neighbourhood; double-fronted shop, with modern living accommodation; the last shop to be let in a new block. Apply 116 Grand Avenue, West Worthing.

TO LET.—Would sell freehold, house accommodation, with double-fronted shop, side entrance, in good condition; a Chemist is urgently needed by the district and should be instantly successful, at Leamington Spa; no opposition within radius one mile or more; Rent £65 and rates. Write, Box W, Smith's Library, Parade, Leamington.

PARTNERSHIPS.

GENTLEMAN desires a working partnership in a chemist's shop or wholesale house; £300 to invest; must stand investigation. 143/3, Office of this Paper.

APARTMENTS.

BOURNEMOUTH.—Wrenwood, 11 Florence Road, Boscombe; close to pier, shops, tennis, golf, etc.; excellent cuisine; modern conveniences; terms from 2½ guineas, July, August and September; illustrated tariff upon request. Phone: Boscombe 1349.

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FOR GENTLEMEN, Hampden Street, N.W.1. Close to King's Cross and Euston. 300 Bedrooms. 12s. 6d. to 25s. per week, including bath, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.

AGENCIES.

AMERICAN SALES EXECUTIVE (Chemist) intimately acquainted with large hospital institutions, miscellaneous manufacturers, wholesalers, and public utilities' buyers, would entertain a proposition to represent exclusively a reliable, established British or European firm in the U.S. and Canada. Any mutually desirable arrangement; Philadelphia or New York office; highest credentials; bond if necessary. Write fully to 144/17, Office of this Paper.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BIRMINGHAM.—Assistant, Unqualified; experienced, with knowledge of Surgical Fitting; permanency. Apply with full particulars to Hedges (Chemists), Ltd., Dale End, Birmingham.

BIRMINGHAM DISTRICT.—Junior Assistant required for out of Town branch. Apply with full particulars to Managing Director, Hedges (Chemists), Ltd., Dale End, Birmingham.

BIRMINGHAM.—Qualified Manager required immediately for branch. Please send full particulars, including salary required, to H. E. Pocock, M.P.S., 341 Rookery Road, Handsworth, Birmingham, 21.

DEVON.—Qualified Chemist (lady preferred, not essential); comfortable post; Dispensing light Retail; state age, experience, salary. 146/5, Office of this Paper.

LONDON, E.—Qualified Assistant; either sex; old-established business; middle- and working-class district; write, stating references, age and salary required (moderate). Also Evening Assistant; letters unanswered in 7 days respectfully declined. Chemist, 705 Lea Bridge Road, E.10.

LONDON, N.—Qualified Assistant, lady or gentleman; light duties. Write, stating experience, age and salary required, to L.A.S., 216 Mare Street, Hackney, E.8.

LONDON, N.—Young Unqualified Assistant (male preferred), for Family and Dispensing Business; one used to quick Counter trade. State full particulars in first letter, salary, experience, etc., 147/2, Office of this Paper.

LONDON, N.W.6.—Wanted, a young Lady or Gentleman (between 18 and 25), as part-time Assistant in a growing business; hours 9-12 in the morning, 1-5 in the afternoon; must have some experience; splendid opportunity to learn general routine and acquire knowledge of Dispensing; small salary. Apply 138/37, Office of this Paper.

LONDON S.W. SUBURB.—Chemist-Optician required as Qualified Assistant, and to run small Optical Practice; permanency; Wednesdays free all day, and one early evening each week; two hours duty alternate Sunday evenings. State age, etc., and salary required, 141/4, Office of this Paper.

LONDON, W.1.—Qualified Assistant, male, not under 25 years of age, required for high-class Dispensing Business; reply with full particulars in first letter, age, height, experience, and salary expected. 289/498, Office of this Paper.

MANCHESTER.—Junior Assistant, Unqualified, for light Retail, Dispensing and Photographic; give full particulars in first letter. 289/497, Office of this Paper.

N. LONDON.—Qualified Assistant required for three evenings per week: Thursday and Friday evenings from 6 till 8, Saturday evening from 6 till 9. Apply personally or by letter to Pirie, 4 Grand Parade, Harringay, N.4.

PUTNEY HILL, S.W.—November 9; Qualified Assistant (male); outdoors; must have had Hospital Dispensing experience. Apply, Mr. Framingham, T. Jones & Co., 5 Putney Hill, S.W.15.

LADY ASSISTANT wanted immediately for good-class family business; must be reliable Dispenser, Counter hand and able to dress windows. Apply, with full particulars, stating age, etc., to John Timmis, 147 Mason's Hill, Bromley, Kent.

ASSISTANT; qualification not essential; quick and accurate Dispenser. Please send usual particulars, salary, etc., to Walter Price, 24 Comberton Hill, Kidderminster.

BODY'S Pharmacies, Southend-on-Sea, have vacancy for Qualified Junior (M.P.S., F.S.M.C., or B.O.A.); must be competent Refractionist and possess good all-round experience modern pharmacy. State full particulars first letter, age, height, when disengaged, if single, salary existing and required, and enclose recent photo to Mr. S. F. Body, 165 High Street, Southend-on-Sea.

CHEMIST-OPTICIAN, male, Qualified both branches, required as Head Assistant in central Pharmacy. Apply by letter, stating age, experience and wage required, to reach the Secretary, Co-operative Society, Ltd., Free School Lane, Lincoln, not later than Thursday, November 5, 1936.

COMPETENT Lady Assistant required; reliable Dispenser; usual duties, Counter and Stock, and able to keep accounts; must be of pleasant disposition; qualification not essential if otherwise competent. Replies to 145/22, Office of this Paper.

DYSON & CO. will shortly require an Unqualified Junior or Improver. A vacancy also exists for a gentleman Apprentice. Apply, with usual particulars, to 35 Gloucester Road, South Kensington, S.W.7.

JUNIOR Assistant required for branch; good Dispensing experience essential; please give full particulars of previous experience, references, age and salary required in first letter. Grinstead, 73 High Street, Maidenhead.

JUNIOR Assistant, Unqualified; youth under 20 preferred; early evenings for study allowed. Apply personally to Wavell & Co., 328 Vauxhall Bridge Road, London, S.W.1.

LADY Assistant required for light Retail Business; with knowledge of good-class Toilet preferred; no Dispensing required; give full particulars, stating age, height, salary required, when at liberty; enclose photo or snap, which will be returned. Croasdale & Sons, Bury St. Edmunds.

LADY Assistant required; Dispensing, Toilets and Window-Dressing; good prospects. Please send immediately full particulars to Lawrence, Chemist, 285 Mile End Road, London, E. (Advance 3492).

LADY Assistant (22-26) required for good-class Business in Sussex; good knowledge of Toilet required; full particulars of experience, wages, etc., and photo if possible to 145/6, Office of this Paper. Applications not answered in five days respectfully declined.

LADY, Unqualified, with knowledge of Window-dressing, Dispensing and Counter. Apply Douglas, 56 Theohalds Road, W.C.1.

MANAGER, young, married, wanted for Branch Shop in Surrey; modern well-equipped shop with good living accommodation; one assistant and messenger. Give full particulars of training, experience and references, 143/9, Office of this Paper.

PHARMACY.—Female Assistant required; must have had general Pharmaceutical and Shop experience; widows and single persons only considered. Apply in writing, stating age and experience, to the Staff Manager, Royal Arsenal Co-operative Society, Ltd., 148 Powis Street, Woolwich, S.E.18. Endorse envelope "Pharmacy." NOTE.—Canvassing of members of the General Committee or Officials will disqualify.

QUALIFIED, all-round Assistant required for Family Business in Sussex Coast town; lady or gentleman; young; abstainer imperative; permanency if suitable; state full particulars; moderate salary. 145/8, Office of this Paper.

QUALIFIED Assistant for November 16; N.H.I. Dispensing; one not afraid of work; brisk Counter trade. Apply, with full particulars as to salary, etc., Bewells, Ltd., 19/21 Pitfield Street, London, N.1.

QUALIFIED Assistant; one used to working-class district preferred; congenial situation; East London; please give full particulars in first letter. 145/5, Office of this Paper.

QUALIFIED Chemist wanted; good references essential. Apply personally for interview, Rays, 82 Lower Marsh, Waterloo, S.E.1.

QUALIFIED Male Assistant required; North London; capable Dispenser and Counterman. State age, salary required and when free, Reid, 7 Cheapside, North Circular Road, Palmers Green, N.13.

QUALIFIED male Assistant wanted as soon as possible for N.W. district; chiefly Dispensing; state salary required and when disengaged; must have good references. 145/44, Office of this Paper.

QUALIFIED Manager, with West End experience, required; one with knowledge of French and German preferred. Apply, stating experience, salary required, etc., to 290/508, Office of this Paper.

UNQUALIFIED Assistant required for new Pharmacy; one with West End experience and able to speak French or German preferred. Reply, with full particulars of experience, salary required, and age, etc., to 290/509, Office of this Paper.

UNQUALIFIED Male Assistant required, not over 35; must be good Window Dresser and Dispenser; applications, giving full particulars, to arrive not later than first post Wednesday, November 4, addressed to "Secretary," Dewsbury Pioneers' Industrial Society, Ltd., Dewsbury. Endorse envelopes "Chemist."

WANTED an Assistant for a good-class Dispensing and Family Business in North Yorkshire; must be a capable Dispenser, one used to a country business preferred; give full particulars and salary required; also photo if possible (returnable). Apply, 144/11, Office of this Paper.

WANTED immediately, Lady, Unqualified, with Dispensing and Retail experience, good Counterwoman and Window-dresser, for new branch. Write, stating full details of experience, age, and salary required, to Lankester & Crook, Ltd., Obelisk Road, Woolston, Southampton.

WANTED.—Improver (male) for working-class district; used N.H.I. Dispensing and brisk Counter. State salary and fullest particulars to "Chemist," 46A St. George's Road, S.E.1.

WANTED.—Qualified Assistant (lady); part time might be considered. Full particulars to Shackletons Cash Chemists Ltd., 502 Great West Road, Hounslow, Middlesex.

WANTED.—Qualified Assistant (male); give full particulars, salary required, and if disengaged. A. J. Hall, Chemist, 97 High Street, Maidenhead.

WOMAN Dispenser wanted at once in Private Hospital, North Wales; would be required also to take charge small Medical Library and assist in Clerical work; knowledge of Typing and/or Shorthand an advantage. Apply, stating age, experience and salary required, to 290/511, Office of this Paper.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

YOUNG Keen Qualified Man required as Branch Manager; moderate salary to commence, but good prospects. Full particulars and salary required to Pattisons (Chemists), Ltd., 88-89 St. George's Road, Brighton, 7.

YOUNG Lady wanted for a busy Dispensing business, mainly for Dispensing; live in or out. Apply, stating usual particulars and salary required, to Read, Chemist, 73 New Cut, Lambeth, S.E.1. Phone: Waterloo 4594.

YOUNG Qualified Assistant required with good business ability; good Window-dresser and methodical worker essential. Full particulars, photograph and lowest salary for permanency, to Murrays, 14 Electric Parade, Clacton-on-Sea.

WHOLESALE.

LANCASHIRE AND SOUTH LONDON.—Two keen, energetic young Representatives required by manufacturers of well-known Toilet Preparations, for the above territories respectively; only men with good selling records need apply; salary and expenses, car provided. Send fullest particulars, with photograph, 289/500, Office of this Paper.

LONDON Drug House require Assistant for Export Sales Department with experience of Pricing and Tendering. Apply, with particulars as to experience, age and commencing salary, to 290/510, Office of this Paper.

A COMPETENT Checker by a Provincial Wholesale House. State age and experience to "Aloes," 289/475, Office of this Paper.

AN Exceptional Opportunity occurs for a young Qualified Chemist with previous Representative experience to join a Pharmaceutical Organisation of national importance. The successful applicant will be given every opportunity to study for a supervisory position, and during training must be willing to travel extensively. Applications, accompanied by fullest details of experience, to be sent to 289/496, Office of this Paper.

ASSISTANT Sales Manager required by well-known firm of Pharmaceutical and Toilet Manufacturers; must have had successful experience on similar products. Write, stating age, experience and salary required, to 289/501, Office of this Paper.

COMPETENT Tablet Maker wanted; Midlands; state experience; References essential. 289/493, Office of this Paper.

EXCELLENT Side-line.—Camera Manufacturers require Live Representatives in South-East and East Coast, Birmingham and district, Lancashire and Cheshire, and West of England, with connexions among Photographic Dealers and Chemists, to carry exceptionally good line at popular price; applicants must give fullest particulars. 290/504, Office of this Paper.

EXPERIENCED Representative, preferably with connexion, required for Northumberland, Durham and Industrial Yorkshire, to call upon Chemists; established connexion to hand over; state full particulars of past experience, age, whether territory has been worked, and if car available. 290/505, Office of this Paper.

MANUFACTURING and Wholesale Druggists require an experienced Laboratory and General Warehouse Assistant for South Coast town. Full particulars to 146/15, Office of this Paper.

PACKER.—Export and General Packer required for leading London firm of Wholesale Druggists. Write, stating experience and wages required, to 290/507, Office of this Paper.

PROVINCIAL Travellers, with existing good connexions, calling on Retail Chemists, to carry easy selling line in general demand; commission and expenses. Write, stating area covered, terms, references, etc., to 290/503, Office of this Paper.

REPRESENTATIVE, one already calling upon Chemists, Hair-dressers, Beauty Parlours, etc., to carry new beauty aid as side-line; not a cream or lotion—an entirely new line; excellent selling proposition; no competition; Commission 25 per cent. Write, 40 Hinchman Street, W.12.

REPRESENTATIVE (preferably Qualified) required, with live Drug connexion amongst Chemists and Doctors in Hants and Berks; please write fully (in confidence) stating age, experience, salary required, and whether able to drive car. 146/150, Office of this Paper.

REQUIRED for Research Department of large manufacturing firm, a fully-qualified Chemist (F.I.C. in food and drugs, and pharmacist preferred) with experience of research, manufacturing and marketing high-class pharmaceutical preparations. Reply, stating full particulars and salary required, 288/463, Office of this Paper.

WHOLESALE trained Assistant wanted for small Lanes house; duties mainly Laboratory and Wet Counter; age not under 30. Apply, with full particulars of experience, age, married or not, wages required, etc., to 145/51, Office of this Paper.

YOUNG Man wanted for Manufacturing Chemist, Midlands, with experience of mixing "Wets" and "Dries," Tablets, etc.; state experience, age and salary required. 290/506, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.—RECENTLY Qualified (25) desires permanency as Assistant or Manager; 6 ft.; good appearance; reliable Salesman and Dispenser, with excellent references; keen Display and Photographics man; South or Midlands; free now 146/25, Office of this Paper.

A CAPABLE experienced Chemist (55); 10 years Stores management, West End; part-time. 66 St. Ann's Hill, S.W.18.

A COMPETENT Dispenser, accustomed to high-class business, desires permanency in London area; disengaged; thorough knowledge of Pharmacy; tall; interview. "T. H.," 40 Woodfield Drive, Gidea Park, Essex.

A QUALIFIED Manager or Assistant (30), excellent references, present position 5½ years, desires responsible position. Gleave, Leigh Gardens, Andover.

ADVERTISER is open for engagement on the terms of share or salary; thoroughly capable and successful in increasing returns; London or provinces; Unqualified. A. B., 15 Blackstock Road, N.4.

AS Manager; Bristol or West preferred; experienced Photo, Windows, or locum; now free. M.P.S., 6 Westleigh Park, Bristol, 4.

ASSISTANT; experienced Dispenser, Salesman, Prescriber; single; active; elderly; Unqualified; good references. "Statim," 98 Lockwood Road, Lockwood, Huddersfield.

ASSISTANT; good all-round Dispensing, Counter, etc.; 16 years' last reference; Unqualified; London, N.W. preferred. Stevens, 46 Maybury Gardens, Willesden Green, N.W.10.

ASSISTANT Lady Dispenser seeks post; part or full time; Hall; experienced; good worker; Brighton or near. 8 Prestonville Road, Brighton.

ASSISTANT, male (24), Unqualified, desires change; free one month; thorough experience; references. Assistant, 81 Walm Lane, N.W.2.

ASSISTANT, Unqualified; tall; good experience Dispensing and Counter; last 7½ years in London; permanency required; London area preferred; free now. "Advertiser," 137 Turners Road, Bow, E.3.

ASSISTANT, Unqualified; two positions in 30 years; exceptional Counter, Dispensing, Prescribing, Photographic experience; excellent references; desires permanency. Enquiries Tel. REL. 1754. Turner, 51 Ceres Road, Plumstead, S.E.18.

ASSISTANT (45), Unqualified, accustomed to high-class Dispensing, desires permanency; disengaged. 33 First Avenue, Bush Hill Park, Enfield.

ASSISTANT (27), Unqualified; all-round experience Dispensing, Counter, Window-dressing; London preferred. "Advertiser," 44 Turneville Road, W.14.

ASSISTANT (25), Unqualified; past year West End; excellent references; free; West End or S.E. Steven, 32 Raul Road, Peckham, S.E.15.

ASSISTANT (26), Unqualified, 9 years' all-round experience London and Provinces, desires change. 144/13, Office of this Paper.

ASSISTANT (25), 1st Medical (Part I), having general shop and Dispensing experience; tall, capable and trustworthy, desires position; £2 5s. to £2 10s.; first-class educational and employers' references. Burke, 40 Cambridge Gardens, W.10. PAR. 4411.

BRANCH Manager, young, single, desires change; 10 years' varied experience; South of London preferred; good references. 146/6, Office of this Paper.

CHEMIST, experienced, excellent Prescriber, disengaged November 2, desires management; locum; London or Provinces; moderate salary. "Chemist," 46 Buckley Road, Brondesbury, N.W.6.

CHEMIST (32), to manage branch or as Assistant; good experience; 4 years West End. "M.P.S.," 49 Hawley Road, N.W.1.

CHEMIST-OPTICIAN desires comfortable berth; many years' Managerial experience; excellent references; Chemist or Chemist-Optician. "F.B.O.A.," 145/36, Office of this Paper.

DISPLAYS Promote Sales.—Window-dressing in London. Phone: Advance 2113. Write "M.P.S.," 18 Wyatt Road, Forest Gate, E.7.

EVENINGS or late duties required by experienced M.P.S. (30); references. Taylor, 8A Grove Road, N.W.2. Phone: Willesden, 2504.

EVENINGS.—Qualified Pharmacist-Optician offers services; experienced; London only; Retail or other capacity. "M.P.S.," 252 Barry Road, S.E.22.

EXPERIENCED Assistant (45), tall, unregistered; courteous and tactful Salesman; quick and careful Dispenser; Photo, Windows, Agricultural, etc.; well recommended; disengaged. Haigh, 25 Hetley Road, Shepherds Bush, W.12.

EXPERIENCED Manager, used to Control, Buying and High-class West End Business, seeks responsible position; shortly disengaged. "M.P.S.," P.C.B. 221/20, Office of this Paper.

EXPERIENCED Qualified Locum; single; abstainer; winter engagement wanted; free October 26; England or Scotland. James Lees, Beechwood, New Cumnock, Ayrshire.

FREE for immediate engagement as Manager or Senior.—Qualified Male Pharmacist of 17 years' all-round Retail experience and with excellent references desires permanent post in Liverpool district. Particulars, including salary, to Roberts, 79 Mulgrave Street, Liverpool, 8.

LADY Dispenser—Book-keeper (Hall certificate) seeks post with Doctor, Hospital or Institution; 8 years' experience. Write 145/55, Office of this Paper.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

LADY Dispenser (Hall) seeks post. Miss D. Lawrence, "Wican-Croft," Hawkwell Chase, Hockley, Essex.

LEEDS OR DISTRICT.—Unqualified Male Assistant, 20 years' good experience all branches, seeks evening and week-end duties; any capacity; terms very reasonable. 145/28, Office of this Paper.

LOCUM, Qualified; disengaged November 7; accept long or short engagements. "Chemist," 3 Middleton Buildings, Langham Street, W.1.

LOCUM, Qualified, experienced; Registered N.P.U.; reliable; any distance; open for engagement November 2. Wood, 33 Union Road, West Croydon.

MANAGER (37). Qualified, married; London or Middlesex preferred; London, suburban and provincial experience; free at short notice. 145/16, Office of this Paper.

MANCHESTER PREFERRED.—M.P.S., F.B.O.A. (30) seeks permanency or locum; conscientious and trustworthy; excellent references. 146/3, Office of this Paper.

MIDDLE-AGED M.P.S.; good all-round experience; Manager, Dispensing; reliable. J. M., 29 Cantley Road, Boston Manor, W.7.

PHARMACIST desires Managership or locum; capable, reliable and conscientious; experienced Counter, Dispensing. "Pharmacist," 172 St. Annes Road East, St. Annes-on-Sea.

PH.C. HAVING recently disposed own business desires Managership, preferably with view to succession. "Chemist," 5 Colindale Avenue, Sidcup. Phone: Sidcup 851.

PROFESSIONAL LOCUM.—R. W. Tildesley, M.P.S., F.B.O.A.; disengaged from November 2; thirty years' practical retail pharmacy; stability; integrity. The Burlington, 168 Milton Road, Weston-super-Mare.

QUALIFIED Assistant (22) requires situation in good Dispensing Business. J. R. W. Allison, 43 Mountain View, Cockermouth, Cumberland.

QUALIFIED, best experience; Retail Store and Wholesale, requires light duties only; London. 145/38, Office of this Paper.

QUALIFIED Chemist-Optician (26) desires Managership shop, London or near, with or without Optics; varied experience; Windows, Counter, Dispensing, Prescribing, Photographics; absolutely trustworthy; recommended; hard work essential. 145/14, Office of this Paper.

QUALIFIED or locum; wide experience; Managerial preferred; free November 12; Eastern Counties. S. Parson, 7 Jordans Yard, Cambridge.

QUALIFIED six years (28), single, tall, 12 years' experience Counter, Dispensing, Windows, Photographic, desires change in S.E. London; excellent references. 146/18, Office of this Paper.

QUALIFIED Spanish Pharmacist (25), English Dispensing, Laboratory and Counter experience, desires full or part-time employment; excellent references. M. Marques, 38 Princes Square, Bayswater, W.2.

QUALIFIED (33) desires change, single; all-round experience; 6 years managing; excellent references; permanency; London area. 145/34, Office of this Paper.

QUALIFIED (22), experienced Dispenser, keen Salesman, trustworthy and conscientious, desires permanency; Yorkshire preferred, but not essential. J. Foster, 1 Harehills Place, Leeds, 8.

QUALIFIED (24) seeks post as Manager or Assistant; capable, reliable and conscientious; good references; experienced all branches. Cyril Joseph, 2 Ladbroke Crescent, Ladbroke Grove, W.11.

QUALIFIED (26), with good all-round experience, requires post as Branch Manager or Assistant in good-class Pharmacy; excellent references; Midlands or South preferred. H. S. Wroe, c/o H. Davy's Exors., Ltd., 1 Clifton Grove, Rotherham.

QUALIFIED 11 years (32); 5 ft. 3 in.; extensive general experience; Photo, Prescribing, etc.; very good references; desires post; Dispenser preferred. 140/7, Office of this Paper.

UNQUALIFIED Assistant, West End and City, good Counter, Dispensing and all-round experience, desires situation. 146/4, Office of this Paper.

UNQUALIFIED Assistant (32) desires permanency; experienced Dispenser, Counter and Photographic; good references; moderate salary; London or South Coast. W., 202, Uxbridge Road, Southall, Mdx.

UNQUALIFIED Young Man (29); having transgressed, earnestly appeals to doctor, or chemist, for new start; single, sober, educated, presentable; 4 years' apprenticeship; 10 years' dispensing and Surgery; First-aid experience; determined to make good; go anywhere. 143/1, Office of this Paper.

UNQUALIFIED (35), disengaged, experienced in Dispensing, Prescribing and all branches, just completed 6 months' locum, desires permanent post or locum; any district. "Statim," 23 Agamemnon Road, W. Hampstead, N.W.6.

UNQUALIFIED (27), tall, capable, all-round man, seeks permanent post; good references; disengaged. 145/26, Office of this Paper.

YOUNG Lady; 7 years' first-class experience Pharmacy, Toilet, etc.; expert Window-dresser; knowledge Dispensing; London preferred. 145/32, Office of this Paper.

YOUNG Lady (Part II refer.) requires part-time post, London, evenings and week-ends; good business experience. 145/1, Office of this Paper.

YOUTH (20), referred Part I, desires situation Manchester area. Ashdown, 36 Acacia Avenue, Hale, Cheshire.

WHOLESALE.

A PHARMACEUTICAL Chemist (29), Scot, seeks opening outside Retail, Works or Representative. 146/301, Office of this Paper.

A WELL-KNOWN Representative (33), 6 years' connection West of England and South Wales, desires appointment with established Proprietary, Drug and/or Sundries House; own car; trained Retail; thorough knowledge of the trade; would drive and assist Representative contemplating retirement. 289/495, Office of this Paper.

A YOUNG M.P.S. desires position with Wholesale house; energetic, tall, smart appearance, good address; capable; hard worker; Square trained; 6 years' excellent experience all branches Retail; full details by interview. 145/25, Office of this Paper.

AN Experienced Representative, with extensive live London connexion Stores, Chemists, Wholesale, Retail, splendid sales record, wishes to join known firm; undeniable references; car; salary and/or commission, etc. 138/11, Office of this Paper.

ADVERTISER, all-round experience Wholesale and Retail, desires post with reputable house, inside or Representative; excellent references. 144/2, Office of this Paper.

ADVERTISER desires to get in touch with a comparatively small Wholesaler (Lancs preferred) with a view to Representation; prepared to invest a little capital; Qualified and experienced. 144/12, Office of this Paper.

ENERGETIC Young Man (30); smart, good address; wide experience Retail; very keen, hard worker; Trained Salesman; desires situation with manufacturer of repute, or would consider agencies, West of England; own car, part expenses and commission; interview any time. 142/5, Office of this Paper.

EXPERT Toilet and Perfumery Salesman; 10 years' London experience; now disengaged. "Adco," 15A Delamere Street, W.2.

PROFESSIONAL AND/OR TRADE PROPAGANDA, SALES.—Responsible, healthy Representative; long and profitable experience; own car; in excellent standing with all past employers and clientele; Doctors, Chemists, Licensed, Wholesale/Retail Traders; every investigation courted. "Stability," General Gordon Hotel, Weymouth.

CLEAR OUT—your Old or Damaged Stock of Photo Goods.
Why keep them any longer? Turn them into CASH.
I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.
S. E. HACKETT, 23 July Road, Liverpool
[CHEMISTS ONLY]

REPRESENTATIVE, good connection Chemists, South-Eastern and Midland Counties, requires additional line; commission and part expenses; excellent references. 144/15, Office of this Paper.

REPRESENTATIVE, Pharmaceutical or Medical; Pharmacist with extensive experience, desires progressive post in the above category; connection six northern counties of England; car owner. Write, "Adaptable," 143/5, Office of this Paper.

WANTED.—Managing Director of Pharmaceutical or Toilet House to interview Advertiser (35), with 16 years' executive experience in capacity of Sales Manager, Advertising Manager, Buyer, with a view to engagement in one or all of these capacities; at present engaged London, but available at short notice any part of United Kingdom; salary, minimum £700 per annum. 289/499, Office of this Paper.

YOUNG M.P.S. would like to represent good Pharmaceutical firm in Wales. 140/5, Office of this Paper.

FOR SALE.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

(Articles to the value of £5-£50.)

BRACHERS' Patent Mixing and Sifting Machine; capacity 28 lbs.; with one sieve; condition as new; offers wanted. Ellis & Sons, 459 Lord Street, Southport.

CHEMISTS' Fixtures and Fittings for Sale; no dealers. Inquire personally, Manager, Five Shilling Shirt Co., 49 Tottenham Court Road, W.1.

FOR SALE.—Complete Dispensary, including 86 Gold-labelled Shop Rounds, Drugs and Equipment, Glass Showcase, Counter, Dispensing Screen, etc.; in one lot or separately for best offers. Call 52 High Road, Chiswick, W.4.

NATIONAL Cash Register; prints records and cash total; perfect, but no longer needed; reasonable. Write, P. Lines, 60 Chalk Hill Road, Wembley.

OPTICAL Trial Case, new, 215 pieces mounted .25D Sph. up to 20D Sph., .25D Cyl. up to 7D Cyl.; also Prisms; cost £26; will sell £17 or near offer. Kershaw, 26 Manor Way, Egham.

Price lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

MISCELLANEOUS.

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

CHEMISTS' FITTINGS.—New and Second-hand Drug Runs, Dispensing Screens, Glass-fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., at competitive prices. F. MAUND & E. BERG (SHOWCASES), LTD., Shopfitters and Shop Front Builders, 175/9 Old Street, London, E.C.1.

LARGE quantity of second-hand and shop-soiled Fittings removed from Pharmacies recently refitted, for Sale at bargain prices. Send requirements or dimensions of pharmacy to PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. Telephone: Clerk. 4111/2. "Pharmacy Fitters for over a Century."

SPECIALY-BUILT SHOWVAN; streamlined, glass-roofed, delightful body on Ford V.8 chassis; electric architectural lights inside; equipped regardless of expense; finished grained green inside; painted biscuit, red, and chromium outside; mileage negligible; lockers built in to carry stocks; remarkable opportunity to purchase a fine showvan at really low price; creates a different atmosphere in which to do business; £225. 143/10, Office of this Paper.

WORKERS' Cosmetic, proved successful preventative of compensatable skin diseases; exquisite dressing for skin protection all climates; non-alkaline, non-greasy; distinguished industrial Chemist desires sell part or entire interest in his invention. P.C.B. 221/21, Office of this Paper.

EXCHANGE COLUMN.

2d. per word, minimum 2s. (Box No., 1s. extra.)

WANTED.

BEST Cash price for job, clearing stock. Write or send to Walker, 11 Axe Street, Barking.

SECOND-HAND Tablet Machines, hand or power, with punches and dies. Full particulars 289/481, Office of this Paper.

THE SUPPLY OF SUPPLEMENTS

On receipt of addressed Post Office Wrappers (not more than six at a time) stamped 1d. the Chemist and Druggist Supplement will be forwarded without cost.

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